

STUFFER

BONUS BUYS for our active customers while they last thru 8-83. Prices F.O.B. Lima, Ohio

Fair Radio Sales Co.

P. O. Box 1105 -- 1016 E. Eureka St. 419/227-6573 Lima, Ohio 45802

COMPASS RECEIVER



METERODYNE WITH ADDITIONAL CIRCUITS FOR OPER-ATION OF THE AURAL RECEPTION AS SHOWN ON THE INDICATORS. COVERS THE FREQUENCY RANGE OF 100 TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING FROM CONTROL BOX WHICH 18 A SEPARATE UNIT. UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC AND IS COMPLETE WITH TUBES 4/6K7,1/6L7,1/6J5, 2/688,2/6F6,1/6N7,1/5Z4,1/6SC7 & 2/2051. SIZE: 12x8x19;WT 45 LBS. R-5/ARN-7 RECEIVER ONLY, USED

GUARD RECEIVER AS USED IN RT-178/
ARC-27, covers freq. of 238 to
248 MC. SINGLE CHANNEL WITH AUDIO
OUTPUT IS COUPLED TO THE MAIN
SET, DUAL CONVERSION 19.4 MC
IST I.F. 3.45 FINAL I.F. WITH
R.F GAIN CONT. AND SQUELCH CIR.
WITH TUBES 5/12AT7,1/6AK5,1/
6AG5,2/6BA6 & 2/6AL5.
SIZE:8/x42x4; WT: 4 LBS. P/T# 504-9780-005
PRICE: USED 5 STK#5821-505-3684

BC-733 RECEIVER 108.3-110.3 MC AM



AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY.

OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ.
COMPLETE WITH TEN TUBES: 1/12AH7,2/12SG7,3/717
2/12SR7,1/12SO7 & 1/12A6. VOLTAGE REQUIRED;
24 VDC & 220 VDC 80 MA. WITH BCHEMATIC.
SIZE: 132x5x7 WT:17 LBS.

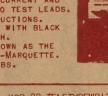
PP-308/URR POWER SUPPLY; OUTPUT VOLT-AGES OF 90 VDC, 1.4 VDC, AND --4.2 VDC. A PORTABLE UNIT

A PORTABLE UNIT
WHICH CAN OPERATE
FROM 1/5v. 60 CYCLE
LINE OR FROM 6, 12 OR
24 VOLT VEHICULAR BATTERY; WITH FUSE HOLDERS, POWER-SELECTOR
SWITCH, POWER ON-OFF SW, SPEAKER ON-OFF SW,
AND SPEAKER FOR A RECEIVER*. TAKES 4 COND.
FEMALE CONNECTOR (NOT AVAILABLE). WITH TUBES
2/6AG7 AND 0B2. SIZE: 58x8x12 WT: 30 LBS.

Needs repair, less vibrators, \$20. CABINET for R-174/PP-308, no cable \$9. AN/GRR-5 MANUAL, \$7.50

IGNITION - TESTER

METER IGNITION TESTER MODEL# 337 Large 4%" meter with 500 microamp 0-30 scale also marked low, average FOR CHECKING IGNITION SYSTEMS.
SELECTOR SWITCH FOR CURRENT AND VOLTAGE READINGS ALSO TEST LEADS. WITH OPERATING INSTRUCTIONS. CHROME MIRRORED FACE WITH BLACK CHROME MINIOTED FINISH.
THIS EQUIPMENT IS KNOWN AS THE CHROME-LINE OF HEYER-MARQUETTE.
SIZE: | 1 x 6x4; WT: 8 LBS.
PRICE: \$ | 4.95





KSR-33 TELETYPEWRITER

KSR-33 TELETYPEWRITER
AND KEYBOARD, CAN BE
ADAPTED FOR VARIOUS RITY
AND COMPUTER APPLICATIONS. SPEED: 100 WORDE
PER MINUTE; 600 OPERATIONS PEED: 100 WORDE
PER MINUTE; 600 OPERATIONS PEED: 100 WORDE
PER MINUTE; 600 OPERATIONS PEED: 110 NO WORDE
PER MINUTE; 600 OPERATIONS SPEED: 100 WORDE
PER MINUTE; 600 OPERATIONS SPEED: 110 NO WORDE
PER MINUTE; 600 OPERATIONS SPEED: 100 WORDE
TIONS SPEED: 100 WORDE
TIONS SPEED: 100 WORDE
TO SPEED: 100 WORDE
TO

- 28 MC

BC-499 RECEIVER F.M 20-28 BC-499 RECEIVER F.M 20-28
MC, 5 CHANNEL CRYSTAL CONTROL, FD 15 KC, WITH 11
TUBES 3/12SH7, //12SJ7, 2/
12H6, 2/12A6, 1/12SJ7GT &
2/12K8.WITH 14 VDC DYNAMOTOR OUTPUT 260 VDC 60
MA., AUDIO OUTPUT 5000HM
& SQUELCH CIRCUIT.
S1ZE: 12X91X92; WT:23 LBS.
PRICE: 12X91X92; WT:23 LBS.
PRICE: 112.95



0-16/ART-13 200-600 Khz, 500-1500 Khz OSCILLATOR

OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 FREQ. COMPLETE WITH ONE 1625
TUBE. ALL OPERATING VOLTAGES ARE
OBTAINED FROM THE TRANS. POWER
SUPPLY. SIZE 52x52x9; WT4LBS.

Used, \$16.95

TCS SPEAKER

TCS REMOTE CONTROL UNIT TYPE 23270 FOR REC. TRANS. AND AMPLIFIER WITH HEAVY DUTY 5" PM SPEAKER, MIC & PHONE JACKS, VOL. CONTROL & SWITCHES. 32x52x72; 7 LBS. \$12.95



G133 HF RECEI-VER, 0.2 to 30 Mhz SSB, AM, & CW in thirty con-



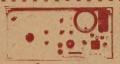
tinuously
tunable
bands. Set
is a Collins 51S1 receiver repackaged by
LTV-Temco for military airborne use. It has
extended lower frequency range plus a jack
for a 14-600 Khz tuner, AM BFO, and extra
electronic filtering. Crystal check points
every 100 Khz. Final IF 500 Khz. AM BFO variable from 485 to 515 Khz. Controls for
CW-ISB-USB-AM, Rejection Tuning, and meter
switch RF--10DEM-ODEM. Input impedance: 50
ohms. Audio output imped: 4 or 600 ohms.
Matching phone patch imped: 500-600 ohms.
With tubes 5/6EAB, 3/6BA6, 2/12AX7, 2/6136,
6CD6, 5670, 6BF5, and 6AK6. Requires 115/230
VAC 50-60 or 400 Hz; also 24 VDC 168 ma for
the AM BFO only. 6xx18xx13; 40 lbs
Used,

MANUAL, partial repro, \$15

SHORT SUPPLY ITEMS

BENDIX ADF-100 RECEIVER, automatic directionfinder operates over 200 Khz-4.5 Mhz. Has 3" CRT display with 0-360 outer dial, BFO, and speaker. Re-quires 115 VAC 60 Hz; 65 1bs sh. Used, reparable, \$125.00





R-1040A/URM-85 RECEIVER part of 150 Khz-1000 Mhz field part of 150 Khz-1000 Mhz field intensity me-ter system for narrow band AM-FM-CW signals.

Uses plug-in tuners to cover frequency range; 115 VAC 60 Hz required with transit case; 125 lbs sh wt. Used-repar. R-1040 with CV-1101 150 Khz-30 Mhz head \$215.

TAKE 20% OFF THESE PRICES-

RECEIVER WITH FSK

R-808/GRC-14 RECEIVER WITH FSK CONVERTER; CONTINUOUS-LY TUNEABLE FROM 2 TO 32 LY TUNEABLE FROM 2 TO 32 MHZ IN FOUR BANDS: (2-4), (8-16), AND (16-32 MHZ). RECEIVES CW, MCW, AM PHONE, AND FSK. DUAL CONVERSION WITH 1F'S OF 455 KHZ AND 1500 KHZ; SELECTIVE BANDWIDTH: 700



455 KHZ AND 1500 KHZ;
SELECTIVE BANDWIDTH: 700
HZ (BROAD) OR 350 HZ
(SHARP). UNIT HAS CRYSTAL CALIBRATOR WITH BFO PITCH CONTROL. HAS
METER FOR TELETYPE TUNING; HOLD-OPERATE AND
NORMAL-REVERSE TELETYPE LINE SWITCHES.
INPUT IMPEDANCE: 300 OHMS (HI-Z) OR 50 OHMS
(LO-Z). OUTPUT IMPED.: 600 OHMS. USES 46
TUBES. POWER REQUIRED; 115 VAC 60 HZ OR
26.5 VDC 5 AMPS. SIZE: 132×10×172, SHPG. WT:
80 LBS. USED, EXCELLENT, NOT CHECKED, \$195.

TRANSMITTER RECEIVER



RT-53/TRC-7 RECEIVER-TRANSMITTER; 100-156 MHz, a.m. voide, 1.5 W CRYSTAL CONTROL ON 2 PRESELECTED CHANNELS, 1½" METER, PHONE, MIC. & MONITORING JACKS, VOL. CONTROL ETC. WITH TUBER 3/1AB5, 3/1L4, 1/1S5, 5/34, 1/3Q4 & 2/3A4, VOLTAGES REQUIRED 90 VDC, 60 VDC & 4½ VDC. SIZE: 11½x5½x13½; 15 LBS. USED \$24.95

PAPER TAPE READER



SUPERIOR ELECTRIC PAPER

SUPERIOR ELECTRIC PAPER TAPE READER; 8-channel encoding, 100 characters per sec. TTL outputs and hambshake. Has 5.4 VDC 1.5 amp 200 step/revolution stepping motors and two 120 VAC 50-60 Hz BOARDS IDENTIFIED AS 4-STEP TRANSLATOR, AMPLIFIER AND INVERTER, INTERFACE BOARD, RECEIVER AND DRIVER. USES STANDARD 1" TAPE. 202x 10x164; SH WT: 50 LBS. USED, W/COVER, 10x164; SH W/COVER, W/COVER,

と同国 一門 ユート マカのスタかり

Vert. input impedance: 1 megohm shunted by 500 pf. Horizontal sens: 0.1 V/cm.100 V/cm. using %-step atten. and vernier. Includes 5A2P. ORT and beam finder. Requires 115/230 Vef 50-1000 Hz. &-Kleilel, 42 lbs sh wt. 1964. reparable, \$135.00; Checked, \$185.00 MARUAL, \$10.00 when purchased with HF120B.

7x19x19t, 43 lbs sh. Used-reparable, \$115 Checked \$165 Manual, \$10 w/scopepur. HP-122AR DUAL-TRACE SCOPE, DG to 200 Khz; 10 mg/om sensitivity. 5" GRT display; reckmount

CAL IBRATOR



AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE ADJUSTMENT. OPERATES FROM 50-1000 CYCLES WITH TUBES 2/6X4W, 3/

Size: 16x10x11; WT: 28LBS: \$12.

PORTABLE REPLATER

コカンド ことしに入りまして 円



RC-298 ARMORED TANK INTER-PHONE EXTENSION KIT; CONT-AINS HEAVY GAUGE WATERPROOI STEEL BOX WITH H-22 HAND-SET & COILED CORD, SIGNAL AIGHT, CALL SWITCH, VOLUME

kit; includes BC-1362 exmote switch, 125 pes hard p/o SCR-508 installation with H-22 handset, 35 ft CO-213 cable, BC-1361 re plosion-proof phone box other items ware kit.

crate or 78 lbs for UPS

in orig. wood

100 lbs 1

SIGNALING

T 600 04M. REC. INPUT 600 04M. POWER. 105-1204. 50/6044. FOR 19" RACK MOUNT. ES 2/12407.2/64651,/6415,1/5964 (RELAY) ALSO 2 SEPARATE ASSY. LAMP PANEL ASSY. ZER & VOICE BAND FILTER PANEL. 350.8 34x19x8 ... THER NATEL. \$18.35 RUND DSU-2M W/MANULE 13" DEEP. WT.50L8 SK.75

NOISE GENERATOR



ORCES. FLUORESCENT GAS TUBE FES 8200 MHZ TO 12400 MHZ QUENCY RANGE. HAS THERMO-METER ATTACHED TO AID IN AD-JUSTING THE WAVEGUIDE. THE NOISE POWER OUTPUT IS 15.8 FLANGE UG-39/U. POWER

HZ. ZE LBS. 118. WAVEGUIDE W/POWER SUPPLY, UNUSED DO

VHF



USED \$29.85

/6KZB

51 ze: 12x16x12;

05-57 OSCILLOSCOPE



TRIPLETT AC

105-125

#12277 NEW 2/ * * * * * * * QUENCY FLATTORPED WAVE. WITH TUBES: 3WPI,
2A77, 2/12BY, 17/6H6, 6X4, 5R4, 1Z2, 2/0A2,
2A74, 2/75Z6, AND 571B. POWER REQUIRE.
VAC 50-400 Hz. SIZE: 9X/3X16 WT: 36 LBS.
1CE: USED, REPARABLE \$65.00 CHECKEU∰] 5 PERIODIC SWEEP; TIMING MARKERS SYNCHED WITH SWEEP AT 1, 10 AND 100 JL-SEC. TRIGGER PULSE OUTPUT; 100 v. PEAK, 1.5 U-SEC PULSE WITH RISE TIME OF 0.5 JL-SEC; REPETITION RATE CONTINUOUSLY VARRABLE FROM 40 TO 5000 PER SEC. CALIBRATION: 0 TO 1 VOLT PEAK TO PEAK IN MED. SES CATHODE FOLLOWER

VIBRATORS



FOR PE-237 \$12.00

Four units can be

6 lines; designed

WIRE RECORDER MAGAZINE for one hour

RF TUNER, P/O T631,

wagnet-tizing timers switches etc. For use with

GRC-14 400 W xmitter; has 1200 pf variable capaci-7.5 KV vacuum tor and 50 uH

drives; 23 lbs s Inductor. 26 VDC variable ribbon

Y-100 air soakets & chimneys, thre AMPLIFIER-MODULATOR DECK from T631 13gx5x9g. Used, excellent, 5796-0 GRC-14, 3/4X250F tubes with Timac 0.3-18 uffy variable ribbon induc-

T.V. TUNERS

JENNINGS UCSXF-2000 VACUUM VARIABLE tors, large ceramic RF switch, etc 50-2000 pf 10 KV, used-good, #135. 24 lbs. Used-excellent, \$115.00 IN ITS HAVE NOT BEEN USED &

coils NATIONAL HRO-7 RECEIVER with power WESTERN ELECTRIC TEST EQUIP from supply, speaker, manual, & 4/ for 1.7-30 Mhz; used-clean,

3.7-4.2 Ghz telephone sites; rack-

one variable 0-20 db waveguide ou preset 54.6-34.9-22.0 db outputs, \$50.00 #J68345D WAVEGUIDE ATTENUATOR put; 10%"H, 25 lbs sh. mount, used-reparable:

#16B tube; waveguide output. \$45. button attenuator two 3-4-5-6-13db one 5-10-20-20-20 db. 32 lbs. \$35 each 52-89 Mhz sweep output; push #J68345C RF SWEEP OSCILLATOR W PLUG-IN ADAPTER 400 Hz; output 5.8 V 300 ma.

#KS-15586 OSCILLOSCOPE (Dumont DC-100 Khz, SRPIA CRT, 45 lbs. #KS-15658 NOISE FIGURE TEST Ghz area, 22

ningham boxes,

original Cun-

OLA TUBES in





Fair Radio Sales Co.

P. O. Box 1105 -- 1016 E. Eureka St. 419/227-6573 Lima, Ohio 45802

COMPASS RECEIVER



STUFFER

AN/ARN-7
RADIO COMPASS RECEIVER
100 TO 1750 KC
USED FOR AIRCRAFT DIRECTION FINDING BUT CAN
ALSO BE USED ON BOATS.
THE RECEIVER 13 A SUPERATION OF THE AURAL RECEPTION AS SHOWN ON THE
INDICATORS. COVERS THE FREQUENCY RANGE OF 100
TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING
FROM CONTROL BOX WHICH 18 A SEPARATE UNIT.
UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC
AND 18 COMPLETE WITH TUBES 4/6K7,1/6,1/7,1/6,1/5,
2/688,2/6F6,1/6N7,1/5Z4,1/6SC7 & 2/2051.
SIZE: 12x8x19;WT 45 LBS.
R-5/ARN-7 RECEIVER ONLY, USED

GUARD RECEIVER AS USED IN RT-178/
ARC-27, covers freq. of 238 to
248 Mc. single channel with audio
output is coupled to the main
set, bual conversion 19.4 Mc
ist i.f. 3.45 final i.f. with
R.F GAIN CONT. AND SQUELCH CIR.
With Tubes 5/12ATT, 1/6AK5, 1/
6AG5, 2/68A6 & 2/6AL5.
Size:8/x42x4; WT: 4 LBs. P/T# 504-9780-005
PRICE: USED \$5 STK#5821-505-3684

BC-733 RECEIVER 108.3-110.3 MC AM



AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING

LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY.

OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ. COMPLETE WITH TEN TUBES: 1/12AH7,2/12SG7,3/717 2/12SG7,3/717 2/

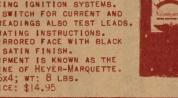
PP-308/URR POWER
SUPPLY; OUTPUT VOLTAGES OF 90 VDC, 1.4
VDC, AND --4.2 VDC.
A PORTABLE UNIT
WHICH CAN OPERATE
FROM 115V. 60 CYCLE
LINE OR FROM 6, 12 OR
24 VOLT VEHICULAR BAT-

LINE OR FROM O, 12 OR 24 VOLT VEHICULAR BAT-TERY; WITH FUSE HOLDERS, POWER-SELECTOR SWITCH, POWER ON-OFF SW, SPEAKER ON-OFF SW, AND SPEAKER FOR A RECEIVER*. TAKES 4 COND. FEMALE CONNECTOR (NOT AVAILABLE). WITH TUBES 2/6AG7 AND 082. SIZE: 5#x8x12 WT: 30 LBS.

Needs repair, less vibrators, \$20. CABINET for R-174/PP-308, no cable \$9. AN/GRR-5 MANUAL, \$7.50

IGNITION - TESTER

METER IGNITION TESTER MODEL# 3**27** Large 4½" meter with 500 microamp 0-30 scale also marked low, average FOR CHECKING IGNITION SYSTEMS.
SELECTOR SWITCH FOR CURRENT AND
VOLTAGE READINGS ALSO TEST LEADS. VOLTAGE READINGS ALSO TEST LEAD!
WITH OPERATING INSTRUCTIONS.
CHROME MIRRORED FACE WITH BLACK
AND GREY SATIN FINISH.
THIS EQUIPMENT IS KNOWN AS THE
CHROME-LINE OF HEYER-MARQUETTE.
SIZE: | 1x6x4; WT: 8 LBS.
PRICE: \$14.95





KSR-33 TELETYPEWRITER
AND KEYBOARD, CAN BE
ADAPTED FOR VARIOUS RTTY
AND COMPUTER APPLICATIONS. SPEED: 100 WORDE
PER MINUTE; 600 OPERATIONS PER OCCOND. HAS
THE FOLLOWING FUNCTIONS:
CARRIAGE RETURN, LIME FEED, SPACE, AND SHIFT.
UTILIZES ASC-11 ODDE WITH-PARITY BIT. TAKES
BY SPROCKET-FED PAPER. THIS IS STANDARD
ITEM; PARTS ARE AVAILABLE FROM A NUMBER OF
SOURCES. POWER BEGUIRED: 15 VAC 60 HZ.
SIZE: 84x1824182; SHPC, WTV 50 LBS.
USED, OPERATIONAL, BUT MAY REQUIRE SOME ADJUSTMENT. LESS COVER, \$250.

28 MC

BC-499 RECEIVER F.M 20-28
MC, 5 CHANNEL CRYSTAL CONTROL, FO 15 KC, WITH 11
TUBES 3/12SH7, //12SJ7, 2/
12H6, 2/12K6, 1/12SJ7GT &
2/12K8, WITH 14 VDC DYNAMOTOR OUTPUT 260 VDC 60
MA, AUDIO OUTPUT 5000HM
& SQUELCH CIRCUIT.
S1ZE: 12x91x91; WT:23 LBS.
PRICE: 12x91x91; WT:23 LBS.
PRICE: 1195
CONNECTOR PLUG TO FIT UNIT ... \$1.50



0-16/ART-13 200-600 Khz, 500-1500 Khz OSCILLATOR

OSCILLATOR PLUGS INTO THE FRONT OF OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 52x52x9; WT4LBS. Used, \$16.95

TCS SPEAKER

TCS REMOTE CONTROL UNIT TYPE 23270 FOR REC. TRANS. AND AMPLIFIER WITH HEAVY DUTY 57 PM SPEAKER, MIC & PHONE JACKS, VOL. CONTROL & SWITCHES. 32x52x72; 7 LBS. \$12.95



O.2 TO 30 MHZ SSB

G133 HF RECEI-VER, 0.2 to 30 Mhz SSB, AM, & CW in thirty contunable



tunable
bands. Set
is a Collins 51S1 receiver repackaged by
LTV-Temco for military airborne use. It has
extended lower frequency range plus a jack
for a 14-600 Khz tuner, AM BFO, and extra
electronic filtering. Crystal check points
every 100 Khz. Final IF 500 Khz. AM BFO variable from 485 to 515 Khz. Controls for
CW-LSB-USB-AM, Rejection Tuning, and meter
switch RF--10DEM-0DEM. Input impedance: 50
chms. Audio output imped: 4 or 600 chms.
Matching phone patch imped: 500-600 chms.
With tubes 5/6FA8, 3/6BA6, 2/12AX7, 2/6136,
6CD6, 5670, 6BF5, and 6AK6. Requires 115/230
VAC 50-60 or 400 Hz; also 24 VDC 168 ma for
the AM BFO only. 62x182x13; 40 lbs
Used,

MANUAL, partial repro, \$15

SHORT SUPPLY

BENDIX ADF-100 RECEIVER, automatic directionfinder operates over 200 Khz-4.5 Mhz. Has 3* CRT display with 0-360 outer dial, BFO, and speaker. Re-quires 115 VAC 60 Hz; 65 lbs sh. Used, reparable, \$125.00





R-1040A/URM-85 RECEIVER part of 150 Khz-1000 Mhz field intensity meter system for narrow band AM-FM-CW signals.

Uses plug-in tuners to cover frequency range; 115 VAC 60 Hz required With transit case; 125 lbs sh wt. Used-repar. R-1040 with CV-1101 150 Khz-30 Mhz head \$215.

TAKE 20% OFF THESE PRICES-

RECEIVER WITH FSK

R-808/GRC-14 RECEIVER WITH FSK converter; Continuous-LY TUNEABLE FROM 2 TO 32



FSK CONVERTER; CONTINUOUS-LY TUNEABLE FROM 2 TO 32 MMZ IN FOUR BANDS: (2-4), (4-8), (8-16), AND (16-32 MMZ). RECEIVES CW, MCW, AM PHONE, AND FSK. DUAL CONVERSION WITH IF'S OF 455 KMZ AND ISON KHZ; SELECTIVE BANDWIDTH: 700 Hz (BROAD) OR 350 Hz (SHARP). UNIT HAS CRYSTAL CALIBRATOR WITH BFO PITCH CONTROL. HAS METER FOR TELETYPE TUNING; HOLD-OPERATE AND NORMAL-REVERSE TELETYPE LINE SWITCHES. INPUT IMPEDANCE: 300-OHMS (HI-Z) OR 50 OHMS (LO-Z). OUTPUT IMPED.: 600 OHMS. USES 46 TUBES. POWER REQUIRED: 115 VAC 60 Hz OR 26.3 VDC 5 AMPS. SIZE: 13½x10x17½, SHPG. WT: 80 LBS. USED, EXCELLENT, NOT CHECKED, \$ 195.

TRANSMITTER RECEIVER



RT-53/TRC-7 RECEIVER-TRANSMITTER; 100-156 MHz, a.m. voide, 1.5 W CRYSTAL CONTROL ON 2 PRESELECTED CHANNELS, 12" METER, PHONE, MIC. & MONITORING JACKS, VOL. CONTROL ETC. WITH TUBER 3/1AB5, 3/1L4, 1/1S5, 5/
3A5, 1/ILA3, 1/3Q4 & 2/3A4, VOLTAGES REQUIRED 90 VDC, 60 VDC & 4½ VDC. SIZE: 11½x5½x13½; 15 LBS. USED \$24.95

PAPER TAPE READER



SUPERIOR ELECTRIC PAPER TAPE READER; 8-CHANNEL ENCODING, 100 CHARACTERS PER SEC. TTL OUTPUTS AND HANDSHAKE. HAS 5.4 VDC 1.5 AMP 200 STEP/RE-VOLUTION STEPPING MOTORS. CIRCUIT BOARDS IDENTIFIED AS 4-STEP TRANSLATOR, AMPLIFIER AND INVERTER, INTERFACE BOARD, RECEIVER AND DRIVER. USES STANDARD 1" TAPE. 202x 10x162; SH WT: 50 LBS. USED, W/COVER, 145.

A.P CRT and beam finder. Requires 115/250 Ac 50-1000 Hz. 6.A.6.2188, 42 1bs ab wt. sed. reparable, \$155.00; Checked, \$185.00 ANULL, \$10.00 when purchased with HF120B.

HP-122AR DUAL-TRACE SCOPE, DC to 200 Khz; 10 mmv/cm sensitivity. 5" GRT display; rackmount 7x19x182, 43 lbs sh. Used-reparable; \$115 Checked \$165 Manual; \$10 w/scopepur.

CALIBRATOR



50-1000 CYCLES WITH TUBES 2/6X4W, 3/

Size: 16x10x11; WT: 28LBS \$12.

PORTABLE REPLATER

BETTER OPERATED, 2 WAY LINE UNIT,

CAN BE USED AS TERM, OR INTERMEDIATE

AMPLIFIER, USES ONE 3Q5GT TUBE, IN
CLUCES HEADSET ELEMENT FOR MONITOR
HIG AND GAIN CONTROL, BATTERY VOLT
AGE REQUIRED 1.5 & 90 VDC, IN WOOD

CASE W/CARRING STRAP, 31ZE; 5X9X8; WT; 12 LBS

Size: 12x16x12;

TANK INTERPHONE



kit; includes BC-1362 exmote switch, 125 pes hard CO-213 cable, BC-1361 rep/o SCR-508 installation with H-22 handset, 35 ft plosion-proof phone box ware kit, other items.

SIGNALING SYSTEM



NOLSE GENERATOR



16x52xx 8 WT: 28 LBS. \$18. ANGE UG-39/U. POWER

USED \$29.85

8 CATHODE FOLLOWER

VIBRATORS

PORTABLE FIELD

6 lines; designed



Four units can be VB-16/6,12 OR 24 VOLT

ganged for 24 lines; w/carrying strap. 15 WIRE RECORDER MAGAZINE for

RF TUNER, P/O T631 GRG-14 400 W xmitter; has 1200 pf 7.5 KV vacuum

switches etc. For use with wire Recorder IC/VRW- H.

variable capaci

AMPLIFIER-MODULATOR DECK from 7631 13gx5x9g. Used, excellent, 5796-00 inductor. 26 VDC variable ribbon tor and 50 uH

lbs s

drives; 23

TUNERS

Y-100 air soakets & chimneys, thre

0.5-18 uHy variable ribbon induc-

GRC-14, 3/4X250F tubes with Idmac

tors, large ceramic RF switch, etc

24 lbs. Used-excellent, \$115.00

VHF

JENNINGS UCSXF-2000 VACUUM VARIABLE

50-2000 pf 10 KV, used-good, \$135.

6KZ8 &

supply, speaker, manual, & 4/coils for 1.7-30 Mhz; used-olean, \$195.

3.7-4.2 Ghz telephone sites; rack

mount, used-reparable:

HESTERN ELECTRIC TEST EQUIP from

NATIONAL HRO-7 RECEIVER with power

TRIPLETT AC

button attenuator two 3-4-5-6-13db one variable 0-20 db waveguide ou each 52-89 Mhz sweep output; push preset 54.6-34.9-22.0 db outputs. put; 10 % "H, 25 lbs sh. \$50.00 #J68345C RF SWEEP OSCILLATOR W #168345D WAVEGUIDE ATTENUATOR. 416B tube; waveguide output. #J68445B DUAL IF SWEEP OSCILL PLUS-IN ADAPTER 400 Hz; output 105-125 V 50-5.8 V 300 ma. #1227 NEW 2/ 7 ft cord.

#KS-15586 OSCILLOSCOPE (Dumont one 5-10-20-20-20 db. 32 lbs. DC-100 Khz, SRPIA CRT, 45 1bs. KS-15658 NOISE FIGURE TEST

ningham boxes

Unused. \$18.00

crate or 78 lbs for UPS

100 lbs in orig. wood

original Cun-

OLA TUBES in





Fair Radio Sales Co.

P. O. Box 1105 -- 1016 E. Eureka St. 419/227-6573 Lima, Ohio 45802

COMPASS RECEIVER



AN/ARN-7

RADIO CCMPASS RECEIVER
100 TO 1750 KC
USED FOR AIRCRAFT DIRECTION FINDING BUT CAN
ALSO BE USED ON BOATS.
THE RECEIVER IS A SUPERATION OF THE AURAL RECEPTION AS SHOWN ON THE
INDICATORS. COVERS THE FREQUENCY RANGE OF 100
TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING
FROM CONTROL BOX WHICH IS A SEPARATE UNIT.
UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC
AND IS COMPLETE WITH TUBES 4/6K7,1/6(7,1/6)5,
2/688,2/6F6,1/6N7,1/5Z4,1/6SC7 & 2/2051.
SIZE: 12x8x19;WT 45 LBS.
R-5/ARN-7 RECEIVER ONLY, USED

GUARD RECEIVER AS USED IN RT-178/ ARC-27, covers freq. of 238 to 248 MC. SINGLE CHANNEL WITH AUDIO 248 MC. SUBJECT TO THE MAIN OUTPUT IS COUPLED TO THE MAIN SET, DUAL CONVERSION 19.4 MC IST 1.F. 3.45 FINAL 1.F. WITH R.F GAIN CONT. AND SQUELCH GIR. WITH TUBES 5/12AT7, 1/6AK5, 1/6AG5, 2/6BA6 & 2/6AL5.
SIZE:8/x42x4; WT: 4 LBS. P/T# 504-9780-005 STK#5821-505-3684

BC-733 RECEIVER 108.3-110.3 MC AM



AIRCRAFT RECEIVER US.3 IIU.3 MC AM
AIRCRAFT RECEIVER USED FOR
LOCATING RUNWAY ON LANDING
FIELD DURING LANDING OPERATION
SIGNALS RECEIVED BY RECEIVER
FROM TRANSMITTER LOCATED ON
RUNWAY ARE APPLIED TO CROSSPOINT INDICATORS IN THE AIRCRAFT AND SHOW IF
PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY.
OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ.
COMPLETE WITH TEN TUBES: 1/12AH7,2/12SG7,3/717
2/12SR7,1/12SQ7 & 1/12A6. VOLTAGE REQUIRED;
24 VDC & 220 VDC 80 MA. WITH BCHEMATIC.
SIZE: 132x5x7 WT:17 LBS.

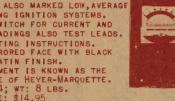
PP-308/URR POWER PP-308/URR POWER
SUPPLY; OUTPUT VOLTAGES OF 90 VDC, 1.4
VDC, AND --4.2 VDC.
A PORTABLE UNIT
WHICH CAN OPERATE
FROM 115V. 60 CYCLE
LINE OR FROM 6, 12 OR
24 VOLT VEHICULAR BATTERY; WITH FUSE HOLDERS, POWER-SELECTOR
SWITCH POWER ON-OFF SW. SPEAKER ON-OFF S

TERY; WITH FUSE HOLDERS, POWER-SELECTOR SWITCH, POWER ON-OFF SW, SPEAKER ON-OFF SW, AND SPEAKER FOR A RECEIVER. TAKES 4 COND. FEMALE CONNECTOR (NOT AVAILABLE). WITH TUBES 2/6AG7 AND 0B2. Size: 5\$x8x12 wt: 30 lbs.

Needs repair, less vibrators, \$20. CABINET for R-174/PP-308, no cable \$9. AN/GRR-5 MANUAL, \$7.50

IGNITION - TESTER

METER IGNITION TESTER MODEL# 327 Large 4½" meter with 500 microamp 0-30 scale also marked low, average FOR CHECKING IGNITION SYSTEMS. SELECTOR SWITCH FOR CURRENT AND VOLTAGE READINGS ALSO TEST LEADS. VOLTAGE READINGS ALSO TEST LEAD.
WITH OPERATING INSTRUCTIONS.
CHROME MIRRORED FACE WITH BLACK
AND GREY SATIN FINISH.
THIS EQUIPMENT IS KNOWN AS THE
CHROME-LINE OF HEYER-MARQUETTE.
SIZE: | | x6x4; wt: 8 LBs.
PRICE: \$|4.95





KSR-33 TELETYPEWRITER
AND KEYBOARD, CAN BE
ADAPTED FOR VARIOUS RITY
AND COMPUTER APPLICATIONS. SPEED: 100 WORDE
PER MINUTE; 600 OPERATIONS PER SECOND. HAS
THE FOLLOWING FUNCTIONS:
CARRIAGE RETURN, LIME FEED, SPACE, AND SHIFT.
UTILIZES ASC-11 ODDE WITH-PARITY BIT. TAKES
BY SPROCKET-FED PAPER. THIS IS STANDARD
ITEM; PARTS ARE AVAILABLE FOOM A NUMBER OF
SOURCES. POWER SECURED: 15 VAC OF HZ.
SIZE: 8XX183113; SHEG. WIT 50 LBS.
USED, OPERATIONAL, BUT MAY REQUIRE SOME ADJUSTMENT. LESS COVER, \$250. 3285.00 \$125.

28 MC

BC-499 RECEIVER F.M 20-28
MC, 5 CHANNEL CRYSTAL CONTROL, FD 15 KC, WITH II
TUBES 3/12SH7.//12SJ7,2/
12H6,2/12A6,1/12SL7GT &
2/12K8.WITH 14 VDC DYNAMOTOR OUTPUT 260 VDC 60
MA, AUDIO OUTPUT 5000HM
& SQUELCH CIRCUIT.
SIZE:12X91X91; WT:23 LBS.
PRICE: 12X91X91; WT:23 LBS.
PRICE: 118.95
CONNECTOR PLUG TO FIT UNIT ... \$1.50



0-16/ART-13 200-600 Khz, 500-1500 Khz OSCILLATOR

OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 FREQ. COMPLETE WITH ONE 1625
TUBE. ALL OPERATING VOLTAGES ARE
OBTAINED FROM THE TRANS. POWER
SUPPLY. SIZE 52x52x9; WT4LBS.

Used, \$16.95

TCS SPEAKER

TCS REMOTE CONTROL UNIT TYPE 23270 FOR REC. TRANS. AND AMPLIFIER WITH HEAVY DUTY 5" PM SPEAKER, MIC & PHONE JACKS, VOL. CONTROL & SWITCHES. 32x52x72; 7 LBS. \$12.95



G133 HF RECEI-VER, 0.2 to 30 Mhz SSB, AM, & CW in thirty con-



tunable
bands. Set
is a Collins 51S1 receiver repackaged by
LTV-Temco for military airborne use. It has
extended lower frequency range plus a jack
for a 14-600 Khz tuner, AM BFO, and extra
electronic filtering. Crystal check points
every 100 Khz. Final IF 500 Khz. AM BFO variable from 485 to 515 Khz. Controls for
CW-ISB-USB-AM, Rejection Tuning, and meter
switch RF--10DBM-0DBM. Input impedance: 50
chms. Audio output imped: 4 or 600 chms.
Matching phone patch imped: 500-600 chms.
With tubes 5/6EA8, 3/6BA6, 2/12AX7, 2/6156,
6CD6, 5670, 6BF5, and 6AK6. Requires 115/230
VAC 50-60 or 400 Hz; also 24 VDC 168 ma for
the AM BFO only. 62x182x13; 40 lbs
Used,

MANUAL, partial repro, \$15

SHORT SUPPLY ITEMS

BENDIX ADF-100 RECEIVER, automatic directionfinder operates over 200 Khz-4.5 Mhz. Has 3** CRT display with 0-360 outer dial, BFO, and speaker. Requires 115 VAC 60 Hz; 65 lbs sh. Used, reparable, \$125.00





R-1040A/URM-85 RECEIVER part of 150 Khz-1000 Mhz field inteh-1040A/UMM-65 RECEIVED part of 150 Khz-1000 Mhz field intensity meter system for narrow band AM-FM-CW signals.

band AM-FM-CW signals.
Uses plug-in tuners to
cover frequency range; 115 VAC 60 Hz required
With transit case; 125 1bs sh wt. Used-repar.
R-1040 with cy-1101 150 Khz-30 Mhz head \$215.

TAKE 20% CFF THESE PRICES-



R-808/GRC-14 RECEIVER WITH
FSK converter; Continuous—
LY TUNEABLE FROM 2 TO 32
MMZ IN FOUR BANDS: (2-4),
(4-8), (8-16), AND (16-32
MMZ). RECEIVES CW, MCW,
AM PHONE, AND FSK. DUAL
CONVERSION WITH IF'S OF
455 KHZ AND 1500 KHZ;
SELECTIVE BANDWIDTH: 700
HZ (BROAD) OR 350 HZ
(SHARP). UNIT HAS CRYS—
TAL CALIBRATOR WITH BFO PITCH CONTROL. HAS
METER FOR TELETYPE TUNING; HOLD-OPERATE AND
NORMAL—REVERSE TELETYPE LINE SWITCHES.
INPUT IMPEDANCE: 300 OHMS (HI-Z) OR 50 OHMS
(LO-Z). OUTPUT IMPED.: 600 OHMS. USES 46
TUBES. POWER REQUIRED; II5 VAC 60 HZ OR
26.3 VDC 5 AMPS. SIZE: 13% XIOX17%, SHPG. WT:
80 LBS. USED, EXCELLENT, NOT CHECKED, \$ 195.

TRANSMITTER RECEIVER



RT-53/TRC-7 RECEIVER-TRANSMITTER; 100-156 MHz, a.m. voice, 1.5 w CRYSTAL CONTROL ON 2 PRESELECTED CHANNELS, 1½" METER, PHONE, MIC. & MONITORING JACKS, VOL. CONTROL ETC. WITH TUBE! 3/1AB5, 3/1L4, 1/155, 5/3/1AB5, 3/1L4, 3/155, 3/1L4, 3/155,

PAPER TAPE READER



SUPERIOR ELECTRIC PAPER TAPE READER; 8-CHANNEL ENCODING, 100 CHARACTERS PER SEC. ITL OUTPUTS AND HANDSHAKE. HAS 5.4 VDC 1.5 AMP 200 STEP/REVOLUTION STEPPING MOTOR AND TWO 120 VAC 50-60 HZ VOLUTION STEPPING MOTORS. CIRCUIT BOARDS IDENTIFIED AS 4-STEP TRANSLATOR, AMPLIFIER AND INVERTER, INTERFACE BOARD, RECEIVER AND DRIVER. USES STANDARD L. TAPE. 20-X 10x164; SH WT: 50 LBS. USED, W/COVER, \$145.

上京国「西十二-PACKARD

sensitivity: 10 mv/cm-p attenuator and vernier. using 3-step atten. and verner. 115/230 SAQP CRI and beam finder. Requires 115/230 VAC 50-1000 Hz. 6/x10218g, 42 lbs sh wt. Used, reparable, \$155.00; Checked, \$185.00 MANUAL, \$10.00 when purchased with HEZOB.

7x19x19t, 43 lbs sh. Used-reparable, \$115 Checked \$165 Manual, \$10 w/scoppur. HP-122AR DUAL-TRACE SCOPE, DC to 200 Khz; 10 mv/cm sensitivity. 5" GRT display; rackmount

CALIBRATOR



ETITION FREQ. OF 400, BUD, 1600, 2000, & 4000, MARKER AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE

50-1000 CYCLES WITH TUBES 2/6X4W, 3/

Size: 16x10x11; WT: 28LBS. #12.

PORTABLE REPLATER

EE-89 TELEPHONE PEPEATER, PORTABLE
BATTERY OPERATED, 2 WAY LINE UNIT,
CAN BE USED AS TERM. ON INTERMEDIATE
AMPLIFIER, USES ONE 3Q5GT TUBE, INCLUDES HEADSET ELEMENT FOR MONITORING AND GAIN CONTROL, BATTERY UNIT
AGE REQUIRED 1.5 & 90 VOC., IN WOOD

TANK INTERPHONE 133



p/o SCR-508 installation

kit; includes BC-1362 exmote switch, 125 pes hard CO-213 cable, BC-1361 rewith H-22 handset, 35 ft plosion-proof phone box crate or 78 lbs for UPS ware kit, other items. 100 lbs in orig. wood

SIGNALING SYSTEM

ER.KEYING SPEED 14-21 P-PER-SEC. TRANS.
PUT 600 OHM. REC. INPUT 600 OHM. POWER
105-1/250/6042, FOR 19" RACK MOUNT.
VBES 2/1/240/7,2/6AG5,1/6AL5,1/5964 (RELAY)
7/3 ALSO 2 SEPARATE ASSY. LAMP PANEL ASSY.
UZZER & VOICE BAND FILTER PANEL.
E: 38x19x8 . OTHER UNITS 13" DEEP. WI: 50L8
NARLUND DSU-2M W/MANUAL ; \$18.95

ROLEMENTO HELDE



EIVER GAIN AND FOR THE CALL-RATION OF STANDARD SIGNAL OURCES, FLUORESCENT GAS TUBI IVES 8200 MHZ TO 12400 MHZ FREQUENCY RANGE. HAS THERMO-METER ATTACHED TO AID IN AD-JUSTING THE WAVEGUIDE. THE NOISE POWER OUTPUT IS 15.8 FLANG FLANGE UG-39/U. POWER

UNITS HAVE NOT BEEN USED & ARE NOT GUARANTEED.

VHF FRE

TUNERS

SIZE: 12x16x12;



1/6KZ8 & 1/3GK5

CHE

OS-57 OSCILLOSCOPE



PERIODIC SWEEP; TIMING MARKERS SYNCHED WITH SWEEP AT 1 10 AND 100 JL-SEC. TRIGGER PULSE OUTPUT: 100 V. PERK, 1.5 U-SEC PULSE WITH RISE TIME OF 0.5 JL-SEC; REPETITION RETE CONTINUOUSLY VARIABLE FROM 40 TO 5000 PER SEC. CALIBRATION: 0 TO 1 VOLT PEAK TO PEAK LINE.

ningham boxes, original Cun-OLA TUBES in

BES FOF & CATHODE FOLLOWER

VIBRATORS

PORTABLE FIELD

6 lines; designed



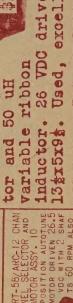
VB-16/6,12 OR 24 VOLT

Four units can be

WIRE RECORDER MAGAZINE for

RF TUNER, P/O T631 GRC-14 400 W xm1tter; has 1200 pf 7.5 KV vacuum

variable capaciswitches etc. For use with wire Recorder IC/VRW- E.



132x5x9g. Used, excellent, 5796-00 drives; 23 lbs s.

JENNINGS UCSXF-2000 VACUUM VARIABLE Y-100 air sookets & chimneys, thre tors, large ceramic RF switch, etc AMPLIFIER-MODULATOR DECK from T631 GRC-14, 3/4X250F tubes with Elmac 0.3-18 uHy variable ribbon induc-24 lbs. Used-excellent, 4115.00

supply, speaker, manual, & 4/coils for 1.7-30 Mhz; used-clean, \$195. NATIONAL HRO-7 RECEIVER with power MESTERN ELECTRIC TEST EQUIP from

50-2000 pf 10 KV, used-good, \$135.

3.7-4.2 Ghz telephone sites; rack preset 54.6-34.9-22.0 db outputs. #J68345D WAVEGUIDE ATTENUATOR mount, used-reparable:

one variable 0-20 db waveguide outbutton attenuator two 3-4-5-6-13db one 5-10-20-20-20 db. 32 lbs. \$35. #J68445B DUAL IF SWEEP OSCILLATO each 52-89 Mhz sweep output; push 416B tube; waveguide output. \$45 #J68345C RF SWEEP OSCILLATOR W put; 10 % "H, 25 lbs sh. \$50.00 PIUG-IN ADAPTER 7 ft cord. #12277 NEW 2/43

105-125 V 50-400 Hz; output

TRIPLETT AC

5.8 V 300 ma.

#KS-15586 OSCILLOSCOPE (Dumont DC-100 Khz, SRPIA CRT, 45 1bs. #KS-15658 NOISE FIGURE TEST for 4 Ghz area,







Fair Radio Sales Co.

P. O. Box 1105 -- 1016 E. Eureka St. 419/227-6573 Lima, Ohio 45802

COMPASS RECEIVER



STUFFER

AN/ARN-7
RADIO COMPASS RECEIVER
100 TO 1750 KC
USED FOR AIRCRAFT DIRECTION FINDING BUT CAN
ALSO BE USED ON BOATS.
THE RECEIVER IS A SUPERATION OF THE AURAL RECEPTION AS SHOWN ON THE
INDICATORS. COVERS THE FREQUENCY RANGE OF 100
TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING
FROM CONTROL BOX WHICH IS A SEPARATE UNIT.
UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC
AND IS COMPLETE WITH TUBES 4/6K7,1/6,1/7,1/6J5,
2/6B8,2/6F6,1/6N7,1/5Z4,1/6SC7 & 2/2051.
SIZE: 12x8x19;WT 45 LBS.
R-5/ARN-7 RECEIVER ONLY, USED

GUARD RECEIVER AS USED IN RT-178/
ARC-27, COVERS FREQ. OF 238 TO
248 MC. SINGLE CHANNEL WITH AUDIO
OUTPUT IS COUPLED TO THE MAIN
SET, DUAL CONVERSION 19.4 MC
IST 1.F. 3.45 FINAL 1.F. WITH
R.F GAIN CONT. AND SQUELCH CIR.
WITH TUBES 5/12AT7,1/6AK5,1/
6AG5,2/6BA6 & 2/6AL5.
SIZE:8/x42x4; WT: 4 LBS. P/T# 504-9780-005
PRICE: USED \$5 STK#5821-505-3684

BC-733 RECEIVER 108.3-110.3 MC AM



AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING

LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSSPOINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY.

OPERATES ON SIX CRYSTAL CONTROL PRESET FROM COMPLETE WITH TEN TUBES: 1/12AH7,2/12SG7,3/717 2/12SG7,3/717 2/12

PP-308/URR POWER SUPPLY; OUTPUT VOLT-AGES OF 90 VDC, 1.4 VDC, AND --4.2 VDC. A PORTABLE UNIT which can operate from 115v. 60 cycle line or from 6, 12

24 VOLT VEHICULAR BATTERY; WITH FUSE HOLDERS, POWER-SELECTOR SWITCH, POWER ON-OFF SW, SPEAKER ON-OFF SW, AND SPEAKER OR-OFF SW, SPEAKER ON-OFF SW,

Needs repair, less vibrators, \$20. CABINET for R-174/PP-308, no cable \$9. AN/GRR-5 MANUAL, \$7.50

IGNITION - TESTER

METER IGNITION TESTER MODEL# 3**27** Large 4½" meter with 500 microamp 0-30 scale also marked low,average FOR CHECKING IGNITION SYSTEMS.
SELECTOR SWITCH FOR CURRENT AND
VOLTAGE READINGS ALSO TEST LEADS. VOLTAGE READINGS ALSO TEST LEAD. WITH OPERATING INSTRUCTIONS. CHROME MIRRORED FACE WITH BLACK AND GREY SATIN FINISH.
THIS EQUIPMENT IS KNOWN AS THE CHROME-LINE OF HEYER-MARQUETTE. SIZE: | 1x6x4; wt: 8 lbs.
PRICE: \$14.95



KSR-33 TELETYPEWRITER AND KEYBOARD, CAN BE ADAPTED FOR VARIOUS RTTY

ADAPTED FOR VARIOUS RTTY
AND COMPUTER APPLICATIONS. SPEED: 100 WORDS
PER MINUTE; 600 OPERATIONS PER SECOND. HAS
THE FOLLOWING FUNCTIONS:
CARRIAGE RETURN, LINE FED. SPACE, AND SHIFT.
UTILIZES ASC-11 ODE TITH PARITY BIT. TAKES
82" SPROCKET-FED PAPER. THIS IS STANDARD
ITEM; PARTS ARE AVAILABLE FOOD A NUMBER OF
SOURCES. POWER REQUIRED: 15 VAC 60 HZ.
SIZE: 82x182x182; SHPG. WIF 50 LBS.
USED, OPERATIONAL, BUT MAY REQUIRE SOME ADJUSTMENT. LESS COVER, \$250. 3125.00 \$125.

28 MC

BC-499 RECEIVER F.M 20-28 BC-499 RECEIVER F.M 20-28
MC, 5 CHANNEL CRYSTAL CONTROL, FD 15 KC, WITH 11
TUBES 3/12SH7, 1/12SJ7, 2/
12H6, 2/12A6, 1/12SL7GT &
2/12K8.WITH 14 VDC DVNAMOTOR OUTPUT 260 VDC 60
MA., AUDIO OUTPUT 5000HM
& SQUELCH CIRCUIT.
SIZE: 12X91X91; WT:23 LBS.
PRICE:
CONNECTOR PLUG TO FIT UNIT ... \$1.50



0-16/ART-13 200-600 Khz, 500-1500 Khz OSCILLATOR

OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 525525 WTALBS. Used, \$16.95



TCS SPEAKER

TCS REMOTE CONTROL UNIT TYPE 23270 FOR REC. TRANS. AND AMPLIFIER WITH HEAVY DUTY 5T PM SPEAKER, MIC & PHONE JACKS, VOL. CONTROL & SWITCHES. 32x52x72; 7 LBS. \$12.95



0.2 TO 30 MHZ SSB

G133 HF RECEI-VER, 0.2 to 30 Mhz SSB, AM, & CW in thirty continuously tunable



tunable
bands. Set
is a Collins 51Sl receiver repackaged by
LTV-Temco for military airborne use. It has
extended lower frequency range plus a jack
for a 14-600 Khz tuner, AM BFO, and extra
electronic filtering. Crystal check points
every 100 Khz. Final IF 500 Khz. AM BFO variable from 485 to 515 Khz. Controls for
CW-ISB-USB-AM, Rejection Tuning, and meter
switch RF--10DBM-0DBM. Input impedance: 50
ohms. Audio output imped: 4 or 600 ohms.
Matching phone patch imped: 500-600 ohms.
With tubes 5/6EA8, 3/6BA6, 2/12AX7, 2/6136,
6CD6, 5670, 6BF5, and 6AK6. Requires 115/230
VAC 50-60 or 400 Hz; also 24 VDC 168 ma for
the AM BFO only. 6xx18xx13; 40 lbs
Used,

MANUAL, partial repro, \$15

SHORT SUPPLY ITEMS

BENDIX ADF-100 RECEIVER, automatic directionfinder operates over 200 Khz-4.5 Mhz. Has 3* CRT display with 0-360 outer dial, BFO, and speaker. Requires 115 VAC 60 Hz; 65 1bs sh. Used, reparable, \$125.00





R-1040A/URM-85 RECEIVED part of 150 Khz-1000 ter system for narrow band AM-FM-CW signals.

Uses plug-in tuners to cover frequency range; 115 VAC 60 Hz required with transit case; 125 lbs sh wt. Used-repar. R-1040 with CV-1101 150 Khz-30 Mhz head \$215.

TAKE 20% OFF THESE PRICES-

R-808/GRC-14 RECEIVER WITH FSK CONVERTER; CONTINUOUS-LY TUNEABLE FROM 2 TO 32 MHZ IN FOUR BANDS: (2-4), (8-16), AND (16-32 MHZ). RECEIVES CW, MCW, AM PHONE, AND FSK. DUAL CONVERSION WITH IF's OF 455 KHZ AND 1500 KHZ; SELECTIVE BANDWIDTH? 700



455 KHZ AND 1500 KHZ;

SELECTIVE BANDWIDTH: 700
HZ (BROAD) OR 350 HZ
(SHARP). UNIT HAS CRYSTAL CALIBRATOR WITH BFO PITCH CONTROL. HAS
METER FOR TELETYPE TUNING; HOLD-OPERATE AND
NORMAL-REVERSE TELETYPE LIME SWITCHES.
INPUT IMPEDANCE: 300 OHMS (HI-Z) OR 50 OHMS
(LO-Z). OUTPUT IMPED.: 600 OHMS. USES 46
TUBES. POWER REQUIRED: 115 VAC 60 HZ OR
26.5 VDC 5 AMPS. SIZE: 13% XIOX17½, SHPG. WT:
80 LBS. USED, EXCELLENT, NOT CHECKED, \$ 195.

TRANSMITTER RECEIVER



RT-53/TRC-7 RECEIVER-TRANSMITTER; 100-156 MHZ, A.M. VOIGE, 1.5 CRYSTAL CONTROL ON 2

CRYSTAL CONTROL ON 2
PRESELECTED CHANNELS,
1½" METER, PHONE, MIC.
& MONITORING JACKS, VOL.
CONTROL ETC. WITH TUBER
3/1AB5,3/1L4,1/IS5,5/
3A5,1/ILA3,1/3Q4 & 2/3A4, VOLTAGES
REQUIRED 90 VDC, 60 VDC & 4½ VDC.
SIZE:112x52x132; 15 LBS. USED \$24.95

PAPER TAPE READER



SUPERIOR ELECTRIC PAPER TAPE READER; 8-CHANNEL ENCODING, 100 CHARACTERS PER SEC. TTL OUTPUTS AND HANDSHAKE. HAS 5.4 VDC 1.5 AMP 200 STEP/RE-VOLUTION STEPPING MOTORS. CIRCUIT BOARDS IDENTIFIED AS 4-STEP TRANSLATOR, AMPLIFIER AND INVERTER, INTERFACE BOARD, RECEIVER AND DRIVER. USES STANDARD !" TAPE. 202X 10x162; SH WT: 50 LBS. USED, W/COVER, \$145.

KRECHT-PACKARD SCOPE

ed, reparable, \$135.00; Checked, \$185.00 NULL, \$10.00 when purchased with HF120B.

x19x19t, 43 lbs sh. Used-reparable, \$115 TP-122AR DUAL-TRACE SCOPE, DC to 200 Khz; 10 av/om sensitivity. 5" GRT display; rackmount

CAL IBRATOR



50-1000 CYCLES WITH TUBES 2/6X4W, 3/

Size: 16x10x11; WT: 28LBS \$12.

PORTABLE REPLATER

TANK INTERPHONE



kit; includes BC-1362 exmote switch, 125 pos hard CO-213 cable, BC-1361 rep/o SCR-508 installation with H-22 handset, 35 ft plosion-proof phone box ware kit, other items. 100 lbs in orig. wood

SIGNALING SYSHES



NOISE GENERATOR



MHZ TO 12400 MHZ

HZ. 23 LBS. 718. W/POWER SUPPLY, UNUSED JO ANGE UG-39/U. POWER



USED \$29.05

SIZE: [2x16x12;



QUENCY FLAT-TOPPED WAVE. WITH TUBES: 3WPI, 2/128Y7, 7/646, 6x4, 5x4, 1Z2, 2/0A2, 2/0A2, 2/5726, Ann 571,8. Power Recults 36 LBS. VAC 50-400 Hz. SIZE: 9x13x16 WT: 36 LBS. 1EE: USED, REPARABLE \$65.00 CHECKEC∯IO5 FOR USM-38 SCOPE: Lepro FOF \$ S CATHODE FOLLOWER

Unused, \$18.00

2 pkgs.

crate or 78 lbs for UPS

VIBRATORS



VB-16/6,12 OR 24 VOLT

WIRE RECORDER MAGAZINE for

bakun/sd

switches etc. For use with wire Recorder IC/VRW- #7 #MX-303 51bs \$7

JNITS HAVE NOT BEEN USED & ARE NOT GUARANTEED. T.V. TUNERS

VHF

3.7-4.2 Ghz telephone sites; rack-

#168345D WAVEGUIDE ATTENUATOR,

mount, used-reparable:

MESTERN ELECTRIC TEST EQUIP from

one variable 0-20 db waveguide ou one 5-10-20-20-20 db. 32 lbs. \$35 each 52-89 Mhz sweep output; push button attenuator two 3-4-5-6-13d preset 54.6-34.9-22.0 db outputs, 416B tube; waveguide output. #168445B DULL IF SWEEP OSCILL put; 10%"H, 25 lbs sh. PLUS-IN ADAPTER 400 Hz; output 7 ft cord. #12277 NEW 2/* 105-125 V 50-5.8 V 300 ma. TRIPLETT AC

#768345C RF SWEEP OSCILLATOR W.

\$50.00

ningham boxes, original Cun-OLA TUBES in

#KS-15586 OSCILLOSCOPE (Dumont)

DC-100 Khz, SRPIA CRT, 45 1bs. #KS-15658 NOISE FIGURE TEST for 4 Ghz area, 22 lbs.

ganged for 24 lines; w/carrying strap. 15 SWITCHBOARD, handles for use with EE-8's. PORTABLE FIELD Four units can be 6 lines; designed



JENNINGS UCSXF-2000 VACUUM VARIABLE supply, speaker, manual, & 4/collsfor 1.7-30 Mhz; used-clean, \$195. Y-100 air soakets & chimneys, thre tors, large ceramic RF switch, etc NATIONAL HRO-7 RECEIVER with power AMPLIFIER-MODULATOR DECK from T631 13\$x5x9\$. Used, excellent, \$195-cm 50-2000 pf 10 KV, used-good, \$135. Inductor. 26 VDC drives; 23 lbs s GRC-14, 3/4X250F tubes with mimac 0.5-18 uHy variable ribbon induc-24 lbs. Used-excellent, \$115.00 GRC-14 400 W xm1tter; has 1200 pf variable capaci-Variable ribbon 7.5 KV vacuum tor and 50 uH



F.O.B. Lima, Ohio Fair Radio Sales Co.

P. O. Box 1105 -- 1016 E. Eureka St. Lima, Ohio 45802 419/227-6573

COMPASS RECEIVER



AN/ARN-7

RADIO CCMPASS RECEIVER
100 TO 1750 KC
USED FOR AIRCRAFT DIRECTION FINDING BUT CAN
ALSO BE USED ON BOATS.
THE RECEIVER IS A SUPERATION OF THE AURAL RECEPTION AS SHOWN ON THE
INDICATORS. COVERS THE FREQUENCY RANGE OF 100
TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING
FROM CONTROL BOX WHICH IS A SEPARATE UNIT.
UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC
AND IS COMPLETE WITH TUBES 4/6K7,1/6,17,1/6J5,
2/688,2/6F6,1/6N7,1/5Z4,1/6SC7 & 2/2051.
SIZE: 12x8x19;WT 45 LBS.
R-5/ARN-7 RECEIVER ONLY, USED

GUARD RECEIVER AS USED IN RT-178/
ARC-27, COVERS FREQ. OF 238 TO
248 MC. SINGLE CHANNEL WITH AUDIO
OUTPUT IS COUPLED TO THE MAIN
SET, DUAL CONVERSION 19.4 MC
IST 1.F. 3.45 FINAL 1.F. WITH
R.F GAIN CONT. AND SQUELCH CIR.
WITH TUBES 5/12AT7,1/6AK5,1/
6AG5,2/6BA6 & 2/6AL5.
SIZE:8/x4xx; WT: 4 LBS. P/T# 504-9780-005
PRICE: USED \$5 STK#5821-505-3684

BC-733 RECEIVER 108.3-110.3 MC AM



AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY.

OPERATES ON SIX CRYSTAL CONTROL PRESET FREQ.

COMPLETE WITH TEN TUBES: 1/12AH7,2/12SG7,3/717
2/12SR7,1/12SO7 & 1/12A6. VOLTAGE REQUIRED;
24 VDC & 220 VDC 80 MA. WITH SCHEMATIC.
SIZE: 13x5x7 WT:17 LBS.

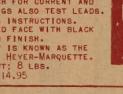
PP-308/URR POWER SUPPLY; OUTPUT VOLT-AGES OF 90 VDC, 1.4 VDC, AND --4.2 VDC. A PORTABLE UNIT

which can operate
from 115v. 60 cycle
Line or from 6, 12 or
24 volt vehicular BatTERY; With Fuse holders, power-selector TERY; WITH FUSE HOLDERS, POWER-SELECTOR SWITCH, POWER ON-OFF SW, SPEAKER ON-OFF SW, AND SPEAKER FOR A RECEIVER*. TAKES 4 COND. FEMALE CONNECTOR (NOT AVAILABLE). WITH TUBES 2/6AG7 AND 0B2. SIZE: 5*x8x12 WT: 30 LBS.

Needs repair, less vibrators, \$20. CABINET for R-174/PP-308, no cable \$9. AN/GRR-5 MANUAL, \$7.50

IGNITION - TESTER

METER IGNITION TESTER MODEL# 327
Large 4½" METER WITH 500 MICROAMP
0-30 SCALE ALSO MARKED LOW, AVERAGE
FOR CHECKING IGNITION SYSTEMS.
SELECTOR SWITCH FOR CURRENT AND VOLTAGE READINGS ALSO TEST LEADS. VOLTAGE READINGS ALSO TEST LEAD WITH OPERATING INSTRUCTIONS. CHROME MIRRORED FACE WITH BLACK AND GREY SATIN FINISH. THIS EQUIPMENT IS KNOWN AS THE CHROME-LINE OF HEYER-MARQUETTE. SIZE: | 1x6x4; wt: 8 LBs. PRICE: \$14.95





KSR-33 TELETYPEWRITER
AND KEYBOARD, CAN BE
ADAPTED FOR VARIOUS RTTY
AND COMPUTER APPLICATIONS. SPEED: 100 WORDS
PER MINUTE; 600 OPERATIONS PER DECOND. HAS
THE FOLLOWING FUNCTIONS:
CARRIAGE RETURN, LINE FEED, SPACE, AND SHIFT.
UTILIZES ASC-11 ODE WITH-PARITY BIT. TAKES
BY SPROCKET-FED PAPER. THIS IS STANDARD
ITEM; PARTS ARE AVAILABLE FROM A NUMBER OF
SOURCES. POWER REQUIRED: 115 VAC 60 HZ.
SIZE: BXX183183 SHES, WT 50 LBS.
USED, OPERATIONALI BUT MAY REQUIRE SOME ADJUSTMENT. LESS COVER, \$250. 3125-00 \$125.

- 28 MC

BC-499 RECEIVER F.M 20-28 BC-499 RECEIVER F.M 20-28
MC, 5 CHANNEL CRYSTAL CONTROL, FD 15 KC, WITH 11
TUBES 3/12SH7, //12SJ7, 2/
12H6,2/12A6,1/12SL7GT &
2/12K8.WITH 14 VDC DVNAMOTOR OUTPUT 260 VDC 60
MA., AUDIO OUTPUT 5000HM
& SQUELCH CIRCUIT.
S1ZE:12X91X91; WT:23 LBS.
PRICE:
CONNECTOR PLUG TO FIT UNIT ... \$1.50

0-16/ART-13 200-600 Khz, 500-1500 Khz OSCILLATOR

OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 52x52x9; WT4LBS.

USEC, \$16.95

TCS SPEAKER

TCS REMOTE CONTROL UNIT TYPE 23270 FOR REC. TRANS. AND AMPLIFIER WITH HEAVY DUTY 5" PM SPEAKER, MIC & PHONE JACKS, VOL. CONTROL & SWITCHES. 32x52x72; 7 LBS. \$12.95



0.2 TO 30 MHZ SSB

G133 HF RECET-0.2 30 Mhz SSB, AM, & CW in thirty contunable



tunable
bands. Set
is a Collins 51S1 receiver repackaged by
LTV-Temco for military airborne use. It has
extended lower frequency range plus a jack
for a 14-600 Khz tuner, AM BFO, and extra
electronic filtering. Crystal check points
every 100 Khz. Final IF 500 Khz. AM BFO variable from 485 to 515 Khz. Controls for
CW-ISB-USB-AM, Rejection Tuning, and meter
switch RF--10DBM-0DBM. Input impedance: 50
ohms. Audio output imped: 4 or 600 ohms.
Matching phone patch imped: 500-600 ohms.
With tubes 5/6EA8, 3/6BA6, 2/12AX7, 2/6156,
6CD6, 5670, 6BF5, and 6AK6. Requires 115/230
VAC 50-60 or 400 Hz; also 24 VDC 168 ma for
the AM BFO only. 62x184x13; 40 lbs
Used,

MANUAL, partial repro,

SHORT SUPPLY ITEMS

BENDIX ADF-100 RECEIVER. automatic directionfinder operates over 200 Khz-4.5 Mhz. Has 3*
CRT display with 0-360 outer dial, BFO, and speaker. Requires 115 VAC 60 Hz; 65 1bs sh. Used, reparable, \$125.00





R-1040A/URM-85 RECEIVER part of 150 Khz-1000 Mhz field intensity meter system for narrow band AM-FM-CW signals.

band AM-FM-CW signals. Uses plug-in tuners to cover frequency range; 115 VAC 60 Hz required With transit case; 125 lbs sh wt. Used-repar. R-1040 with CV-1101 150 Khz-30 Mhz head \$215.

TAKE 20% CFF THESE PRICES

R-808/GRC-14 RECEIVER WITH FSK converter; Continuous-LY TUMEABLE FROM 2 TO 32 MHZ IN FOUR BANDS: (2-4), (4-8), (8-16), AND (16-32



LY TUNEABLE FROM 2 TO 32
MHZ IN FOUR BANDS: (2-4),
(4-8), (8-16), AND (16-32
MHZ). RECEIVES CW, MCW,
AM PHONE, AND FSK. DUAL
CONVERSION WITH IF'S OF
455 KHZ AND 1500 KHZ;
SELECTIVE BANDWIDTH: 700
HZ (BROAD) OR 350 HZ
(SHARP). UNIT HAS CRYSTAL CALIBRATOR WITH BFO PITCH CONTROL. HAS
METER FOR TELETYPE TUNING; HOLD-OPERATE AND
NORMAL-REVERSE TELETYPE LINE SWITCHES.
INPUT IMPEDANCE: 300 OHMS (HI-Z) OR 50 OHMS
(LO-Z). OUTPUT IMPEDA:: 600 OHMS. USES 46
TUBES. POWER REQUIRED: 115 VAC 60 HZ OR
26.5 VDC 5 AMPS. SIZE: 13% XIOX17%, SHPG. WT:
80 LBS. USED, EXCELLENT, NOT CHECKED, \$ 195.

TRANSMITTER RECEIVER



RT-53/TRC-7 RECEIVER-TRANSMITTER; 100-156 MHZ, A.M. VOICE, 1.5 W CRYSTAL CONTROL ON 2

CRYSTAL CONTROL ON 2
PRESELECTED CHANNELS,
1%" METER, PHONE, MIC.
& MONITORING JACKS, VOL.
CONTROL ETC. WITH TUBER
3/1AB5,3/1L4,1/IS5,5/
3A5,1/ILA3,1/3Q4 & 2/3A4, VOLTAGES
REQUIRED 90 VDC, 60 VDC & 4½ VDC.
SIZE:112x5½x13½; 15 LBS. USED \$24.95

PAPER TAPE READER



SUPERIOR ELECTRIC PAPER TAPE READER; 8-channel encoding, 100 characters per sec. TTL outputs and handshake. Has 5.4 VDC 1.5 amp 200 step/revolution stepping motor and two 120 VAC 50-60 Hz volution stepping motors. Circuit Boards identified as 4-step translator, amplifier and inverter, interface Board, Receiver and Driver. Uses standard !" Tape. 202x 10x164; Sh wt: 50 lbs. Used, w/cover, \$145.

KEWLETT-PACKARD SCOPE

pf. Horizontal sens: 0.1 V/cm-100 V/cm ing 3-step atten, and vernier. Includes 20 PC PC point and index. Requires 115/230 6 50-1000 Hz. 6.x16;18; 42 lbs sh wt. ed, reparable, \$155.00; Checked, \$185.00 NU.1, \$10.00 when purchased with HP120B.

19x198, 43 lbs sh. Used-reparable, \$115 -122AR DUAL-TRACE SCOPE, DC to 200 Khz; 10 /om sensitivity. 5" GRT display; rackmount

CALIBRATOR



FULSE GENERATOR WITH REP-ETITION FREG. OF 400, 800, 1600, 2000, & 4000, MARKER AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE

2-1000 CYCLES WITH TUBES 2/6X4W, 3/

Size: 16x10x11; WT: 28LBS. \$12.

PORTABLE REPEATER

ANTERY OFERATED, 2 WAY LINE UNIT,

AN BE USED AS TERM, OR INTERMEDIATE

MPLIFIER, USES ONE 3050T UBE, IN
LUDES HEADSE LEMENT FOR MONITOR
ING AND GAIN CONTROL, BATTERY VOLT
AGE REQUIRED 1.5 & 90 VDC. IN WOOD

ASSE W/CARRING STRAP.31ZE; 6X9X8; WT; IZ LBS.

一カンド ことしに入り上して下



kit; includes BC-1362 exmote switch, 125 pes hard with H-22 handset, 35 ft /o SCR-508 installation losion-proof phone box crate or 78 lbs for UPS kit, other items. 100 lbs in orig. wood nare.

SYSTEM SIGNALING

465,1/6AL5,1/5964 (RELAY) ARATE ASSY. LAMP PANEL ASSY. 14-21 P-PER-SEC. TRANS.

FILTER PANEL. WT:50LB

NOISE GENERATOR DSU-2M W/MANUAL

TEQUENCY RANGE. HAS THERMO-

MOTOR DRIVEN 26.5

TUNERS

WT: 22 LBS. 418. JUSTING THE WAVEGUIDE. THE NOISE POWER OUTPUT IS 15.8 ING FLANGE UG-39/U. POWER

RICE: WAVEGUIDE W/POWER SUPPLY, UNUSED

VHF



OS-57 OSCILLOSCOPE

6KZ8

PLUG-IN ADAPTER 400 Hz; output 5.8 V 300 ma. TRIPLETT AC #12277 NEW 2, 7 ft cord. 105-125 FLAT-TOPPED WAVE. WITH TUBES: 3WP1, 1/5BY, 7/6H6, 6X4, 5R4, 1Z2, 2/0A2, 5726, AND 5718, POWER REQUIRED: 4400 Hz. SIZE: 9X13X16 WT: 36 LBS. ED, REPARABLE \$65.00 CHECKEC∯105 INCH, CONTINUOUSLY TRIGGERED OR

SWEEP AT 1 10 AND 100 M-SEC. TRIGGER PULSE

ningham boxes original Cun-OLA TUBES in

8 CATHODE FOLLOWER

Unused. \$18.00

VIBRATORS



6 lines; designed

VB-16/6,12 OR 24 VOLT

Four units can be

ganged for 24 lines; w/carrying strap. 15 WIRE RECORDER MAGAZINE for



RF TUNER, P/O T631, GRC-14 400 W xmitter; has 1200 pf variable capacivariable ribbon tor and 50 uH 7.5 KV vacuum

wire Recorder IC/VRW- 47

.0.

drives; 23 lbs sh 13gr5x9g. Used, excellent, \$195-00 inductor. 26 VDC

Y-100 air soakets & chimneys, thre tors, large ceramic RF switch, etc AMPLIFIER-MODULATOR DECK from T631 GRC-14, 3/4X250F tubes with Edmac 0.3-18 uHy variable ribbon induc-24 lbs. Used-excellent, \$115.00

JENNINGS UCSXF-2000 VACUUM VARIABL 50-2000 pf 10 KV, used-good, #135.

supply, speaker, manual, & 4/coils for 1.7-30 Mhz; used-clean, \$195. NATIONAL HRO-7 RECEIVER with power 3.7-4.2 Ghz telephone sites; rack-WESTERN ELECTRIC TEST EQUIP from

one variable 0-20 db waveguide out button attenuator two 3-4-5-6-13db preset 54.6-34.9-22.0 db outputs. each 52-89 Mhz sweep output; push #J68345C RF SWEEP OSCILLATOR W put; 10点 The sh. \$50.00 #168345D WAVEGUIDE ATTENUATOR, 416B tube; waveguide output. one 5-10-20-20-20 db. 32 lbs. #J68445B DUAL IF SWEEP OSCIL mount, used-reparable:

#KS-15586 OSCILLOSCOPE (Dumont DC-100 Khz, SRPIA CRT, 45 1bs AKS-15658 NOISE FIGURE TEST









Fair Radio Sales Co.

P. O. Box 1105 -- 1016 E. Eureka St. Lima, Ohio 45802 419/227-6573

COMPASS RECEIVER



#4-83

AN/ARN-7
RADIO COMPASS RECEIVER
100 TO 1750 KC
USED FOR AIRCRAFT DIRECTION FINDING BUT CAN
ALSO BE USED ON BOATS.
THE RECEIVER IS A SUPERATION OF THE AURAL RECEPTION AS SHOWN ON THE
INDICATORS. COVERS THE FREQUENCY RANGE OF 100
TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING
FROM CONTROL BOX WHICH IS A SEPARATE UNIT.
UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC
AND IS COMPLETE WITH TUBES 4/6K7,1/6L7,1/6J5,
2/688,2/6F6,1/6N7,1/5Z4,1/6SC7 & 2/2051.
SIZE: 12x8x19;WT 45 LBS.
R-5/ARN-7 RECEIVER ONLY, USED

GUARD RECEIVER AS USED IN RT-178/
ARC-27, COVERS FREQ. OF 238 TO
248 MC. SINGLE CHANNEL WITH AUDIO
OUTPUT IS COUPLED TO THE MAIN
SET, DUAL CONVERSION 19.4 MC
IST 1.F. 3.45 FINAL 1.F. WITH
R.F GAIN CONT. AND SQUELCH CIR.
WITH TUBES 5/12AT7,1/6AK5,1/
6AG5,2/6BA6 & 2/6AL5.
51ZE:8/x42x4; WT: 4 LBS. P/T# 504-9780-005
PRICE: USED 55 STK#5821-505-3684

BC-733 RECEIVER 108.3-110.3 MC AM



AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING

LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY.

OPERATES ON SIX CRYSTAL CONTROL PRESET FREE.

COMPLETE WITH TEN TUBES: 1/12AH7,2/12SG7,3/717
2/12SR7,1/12SG7 & 1/12A6. VOLTAGE REQUIRED;
24 VDC & 220 VDC 80 MA. WITH BCHEMATIC.

SIZE: 132x5x7 WT:17 LBS.

PP-308/URR POWER
SUPPLY; OUTPUT VOLTAGES OF 90 VDC, 1.4
VDC, AND --4.2 VDC.
A PORTABLE UNIT
WHICH CAN OPERATE
FROM 115V. 60 CYCLE
LINE OR FROM 6, 12 OR
24 VOLT VEHICULAR BATTERY; WITH FUSE HOLDERS, POWER-SELECTOR
SWITCH, POWER ON-OFF SW, SPEAKER ON-OFF SW,
AND SPEAKER FOR A RECEIVER*. TAKES 4 COND.
FEMALE CONNECTOR (NOT AVAILABLE). WITH TUBES
2/6AG7 AND 0B2. SIZE: 5\$x8x12 WT: 30 LBS.

Needs repair, less vibrators, \$20. CABINET for R-174/PP-308, no cable \$9. AN/GRR-5 MANUAL. \$7.50

TONITION - TESTER

METER IGNITION TESTER MODEL# 3**27** Large 4½" meter with 500 microamp 0-30 scale also marked low,average For checking ignition systems. SELECTOR SWITCH FOR CURRENT AND SELECTOR SWITCH FOR CORRENT AND VOLTAGE READINGS ALSO TEST LEADS. WITH OPERATING INSTRUCTIONS. CHROME MIRRORED FACE WITH BLACK AND GREY SATIN FINISH. THIS EQUIPMENT IS KNOWN AS THE CHROME-LINE OF HEYER-MARQUETTE. SIZE: | 1x6x4; WT: 8 LBS. PRICE: \$14.95



KSR-33 TELETYPEWRITER
AND KEYBOARD, CAN BE
ADAPTED FOR VARIOUS RTTY
AND COMPUTER APPLICATIONS. SPEED: 100 WORDE
PER MINUTE; 600 OPERATIONS BER DECOND. HAS
THE FOLLOWING FUNCTIONS:
CARRIAGE RETURN, LIME FED. SPACE, AND SHIFT.
UTILIZES ASC-11 CODE WITH PARITY BIT. TAKES
82" SPROCKET-FED PAPER. THIS IS A STANDARD
ITEM; PARTS ARE AVAILABLE FROM A NUMBER OF
SOURCES. POWER REQUIRED: 115 VAC 60 HZ.
SIZE: 82x1831832; SHPC. WIT 50 LBS.
USED, OPERATIONAL; BUT MAY REQUIRE SOME ADJUSTMENT. LESS COVER, \$250.

23 MC

BC-499 RECEIVER F.M 20-28
MC, 5 CHANNEL CRYSTAL CONTROL, FO 15 KC, WITH 11
TUBES 3/12SH7, //12SJ7, 2/
12H6, 2/12K6, 1/12SL7GT &
2/12K8.WITH 14 VDC DYNAMOTOR OUTPUT 260 VDC 60
MA., AUD10 OUTPUT 5000HM
& SQUELCH CIRCUIT.
SIZE:12X91X91; WT:23 LBS.
PRICE: 3 18.95
CONNECTOR PLUG TO FIT UNIT ... \$1.50



0-16/ART-13 200-600 Khz, 500-1500 Khz OSCILLATOR

OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 5252529; WT4LBS.

USEC, \$16.95

TCS SPEAKER

TCS REMOTE CONTROL UNIT TYPE 23270 FOR REC. TRANS. AND AMPLIFIER WITH HEAVY DUTY 5" PM SPEAKER, MIC & PHONE JACKS, VOL. CONTROL & SWITCHES. 32x52x72; 7 LBS. \$12.95



12 TO LO MHZ SSB

G133 HF RECEI-VER, 0.2 to 30 Mhz SSB, AM, & CW in thirty con-tinuously



timously tunable bands. Set is a Collins 51S1 receiver repackaged by LTV-Temco for military airborne use. It has extended lower frequency range plus a jack for a 14-600 Khz tuner, AM BFO, and extra electronic filtering. Crystal check points every 100 Khz. Final IF 500 Khz. AM BFO variable from 485 to 515 Khz. Controls for CW-LSB-USB-AM, Rejection Tuning, and meter switch RF--10DEM-ODEM. Input impedance: 50 chms. Audio output imped: 4 or 600 chms. Matching phone patch imped: 500-600 chms. With tubes 5/6EAB, 3/6BA6, 2/12AX7, 2/6136, 6CD6, 5670, 6BF5, and 6AK6. Requires 115/230 VAC 50-60 or 400 Hz; also 24 VDC.168 ma for the AM BFO only. 61x181x13; 40 lbs 4750 used,

MANUAL, partial repro,

SHORT SUPPLY ITEMS

BENDIX ADF-100 RECEIVER, automatic directionfinder operates over 200 Khz-4.5 Mhz. Has 3" CRT display with 0-360 outer dial, BFO, and speaker. Re-quires 115 VAC 60 Hz; 65 lbs sh. Used, reparable, \$125.00





R-1040A/URM-85 RECEIVER part of 150 Khz-1000 Mhz field intensity me-

ter system for narrow band AM-FM-CW signals. Uses plug-in tuners to cover frequency range; 115 VAC 60/Hz required with transit case; 125 lbs sh wt. Used-repar. R-1040 with cV-1101 150 Khz-30 Mhz head \$215.

TAKE 20% CFF THESE PRICES-

RECEIVER

-808/GRC-14 RECEIVER WITH



R-808/GRC-14 RECEIVER WITH FSK converter; Continuous-Ly Tuneable from 2 to 32 MHz in four bands: (2-4), (4-8), (8-16), and (16-32 MHz). Receives CW, MCW, AM PHONE, amb FSK. Dual conversion with IF's of 455 KHz and 1500 KHz; Selective Bandwioth: 700 Hz (Broad) or 350 Hz (SHARP). Unit has crystal calibrator with BFO pitch control. Has meter for Teletype Tuning; Hold-Operate and Normal-Reverse teletype Line switches, Input impedance: 300 ohms (HI-Z) or 50 ohms (LO-Z). Output imped.: 600 ohms. Uses 46 tubes. Power required: 115 VAC 60 Hz or 26.3 VDC 5 amps. Size: 132×10×174, Shpg. wt: 80 Lbs. Used, excellent, not checked, \$195.

TRANSMITTER RECEIVER



RT-53/TRC-7 RECEIVER-TRANSMITTER; 100-156 TRANSMITTER; 100-156 MHZ, A.M. VOICE, 1.5 W CRYSTAL CONTROL ON 2 PRESELECTED CHANNELS, 1½" METER, PHONE, MIC. & MONITORING JACKS, VOL. CONTROL ETC. WITH TUBES 3/1A85,3/1L4,1/1S5,5/3/44, VolTages REQUIRED 90 VDC, 60 VDC & 4½ VDC. SIZE:112x52x134; 15 LBs. USED \$24.95

PAPER TAPE READER



SUPERIOR ELECTRIC PAPER TAPE READER: 8-CHANNEL ENCODING, 100 CHARACTERS PER SEC. TTL DUTPUTS

PER SEC. TTL OUTPUTS
AND HANDSHAKE. HAS 5.4
VDC I.5 AMP 200 STEP/REVOLUTION STEPPING MOTOR
AND TWO I20 VAC 50-60 Hz
BOARDS IDENTIFIED AS 4-STEP TRANSLATOR, AMPLIFIER AND INVERTER, INTERFACE BOARD, RECEIVER AND DRIVER. USES STANDARD I" TAPE. 202x
10x164: SH WT: 50 LBS. USED, W/COVER, \$145.

WENLETT-PACKAND BOOF

of F. Horizontal sens: 0.1 V/om-100 V/om sing U-step atten, and vernier. Includes A.P. CRT and beam finder. Requires 115/20/ E.D-1000 Hz. \$\frac{1}{2}\text{1}\text{2}\text{3}\text{4}\text{2}\text{1}\text{bs}\text{3}\text{1}\text{bs}\text{3}\text{1}\text{bs}\text{3}\text{1}\text{bs}\text{3}\text{1}\text{bs}\text{3}\text{5}\text{1}\text{bs}\text{3}\text{1}\text{bs}\text{3}\text{1}\text{bs}\text{3}\text{1}\text{bs}\text{3}\text{1}\text{bs}\text{3}\text{1}\text{bs}\text{3}\text{1}\text{bs}\text{3}\text{1}\text{bs}\text{3}\text{1}\text{bs}\text{3}\text{1}\text{bs}\text{3}\text{1}\text{bs}\text{3}\text{1}\text{bs}\text{3}\text{1}\text{5}\text{1}\text{0}\text{0}\text{0}\text{min}\text{min}\text{1}\text{Hillow}\text{1}\text{1}\text{1}\text{1}\text{1}\text{1}\text{1}\text{1}\text{1}\text{0}\text{1}\text{min}\text{1}\text{min}\text{1}\text{Hillow}\text{1}\text{3}\text{1}\t

HP-122AR DUAL-TRACE SCOPE, DG to 200 Khz; 10 mv/om sensitivity. 5" CRT display; rgckmount xl9xl9g, 43 lbs sh. Used-reparable, \$11

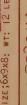
GAL IBRATOR



FULSE GENERATOR WITH REP-ETITION FREG. OF 400, 800, 1600, 2000, & 4000, MARKER AND SYNCHRONIZING PLISE, VARIABLE DELAY LINE PHASE

50-1000 CYCLES WITH TUBES 2/6X4W, 3/ 6AG7, 6/5814, 6AG7, 6/5814, Size: 16x10x11; WT: 28.88. \$12.

NG AND GAIN CONTROL, BATTERY VOLT-GE REQUIRED 1.5 & 90 VDC. IN WOOD ASE W/CARRING STRAP.31ZE;6X9X8; WT: 12 LBS.



ZE: 12x16x12;

RC-298 ARNORED TANK INTER-PHONE EXTENSION KIT; CONT-AINS HEAVY GAUGE WATERPROOI STEEL BOX WITH H-22 HAND-SET & COILED CORPO, SIGNAL ALIGHT, CALL SWITCH, VOLUME コンプトレアコースコーストはつと日

kit; includes BC-1262 exmote switch, 125 pes hard ware kit, other items. CO-213 dable, BC-1361 rep/o SCR-508 installation with H-22 handset, 35 ft plosion-proof phone box 100 lbs in orig. wood

Unused, \$18.00

crate or 78 lbs for UPS

2/1ZAU7,2/DAGO,1/DALO,1/DOCT WALEN LASY.
R. S. VOICE BAND FILTER PANEL.
EX19X8 . OTHER UNITS 12" DEEP. WT:50LB

TO THE SERVICE



JUSTING THE WAVEGUIDE. THE NOISE POWER OUTPUT IS 15.8

3x7x7 WT: 23 LBS 418. W/POWER SUPPLY, UNUSED DO AVEGUIDE SIZE:



USED \$29.65



EQUIPMENT. SINE WAVE FLAT
3 DB 10 HZ TO 6 MMZ; SQUARE
WAVE LESS THAN 10% TILT FROM
50 HZ POWER SOURCE. INPUT
IMPEDANCE: I MEGOHN PARALLEL
35 MMD. SWEEP TIME: I TO
100M JM-EEC/INH, CONTINUOSLY
ADJUSTABLE. TRIGGERED OR

MARTION: SWPI, 227.2/042, 247.2/222, 2/042, 2/252, 2/042, 2/252, 2/042, 2/252, 2/042, 2/252, 2/042, 2/252, 2/042, 2/252, \$10° ADJUSTABLE, TRIGGERED OR TENDIC SWEEP; TIM NG MARKERS SYNCHED WITH VEEP AT 1 10 AND 100 Lasec. TRIGGER PULSE LIPUTE OF 0.5 Lasec; REPETITION RATE CONNUCSLY VARIABLE FROM 40 TO 5000 PER SECULBRATION: 0 TO 1 VOLT PEAK, TO PEAK LINE. FOR USM-38 SCOPE: Tepro

VIBRATORS

VB-16/6,12 OR 24 VOLT

TRE RECORDER MAGAZINE for



wire decorder IC/VRW- "7 page #Mx-303 51bs switches etc.





UNITS HAVE NOT BEEN USED & ARE NOT GUARANTEED. TUNERS

3.7-4.2 Ghz telephone sites; rack-

PLUS-IN ADAPTER 400 Hz; output 7 ft cord. #12277 NEW 2/* 105-125 V 50-5.8 V 300 ma. TRIPLETT AC

OC-100 Khz, SRPIA CRT, 45 lbs. ra) for 4 Ghz area, ningham boxes, original Cun-OLA TUBES in

AKS-15658 NOISE FIGURE TEST

ganged for 24 lines; w/carrying strap. 15 SWITCHBOARD, handles for use with EE-8's. PORTABLE FIELD Four units can be 6 lines; designed



Used, excellent, tree-on inductor. 26 VDC drives; 23 lbs s GRC-14 400 W xm1tter; has 1200 pf variable capacivariable ribbon tor and 50 uH 7.5 KV vacuum 13gx5x9å.

Y-100 air soakets & chimneys, three JENNINGS UCSXF-2000 VACUUM VARIABLE tors, large ceramic RF switch, etc AMPLIFIER-MODULATOR DECK from T631 50-2000 pf 10 KV, used-good, #135. GRC-14, 3/4X250F tubes with mimac 0.5-18 uHy variable ribbon induc-24 lbs. Used-excellent, 4115.00

coils NATIONAL HRO-7 RECEIVER with power HESTERN ELECTRIC TEST EQUIP from & 4/ supply, speaker, manual, & 4 for 1.7-30 Mhz; used-clean,

one variable 0-20 db waveguide out button attenuator two 3-4-5-6-13db 416B tube; waveguide output. \$45. #168445B DUAL IF SWEEP OSCILLATO one 5-10-20-20-20 db. 32 lbs. \$35 each 52-89 Mhz sweep output; push preset 54.6-34.9-22.0 db outputs. #KS-15586 OSCILLOSCOPE (Dumont) #168345C RF SWEEP OSCILLATOR W #168345D WAVEGUIDE ATTENUATOR, put; 10 mH, 25 lbs sh. \$50.00 mount, used-reparable:



Fair Radio Sales Co.

P. O. Box 1105 -- 1016 E. Eureka St. 419/227-6573 Lima, Ohio 45802

COMPASS RECEIVER



STUFFER

RADIO COMPASS RECEIVER
100 TO 1750 KC
USED FOR AIRCRAFT DIRECTION FINDING BUT CAN
ALSO BE USED ON BOATS.
THE RECEIVER 18 A SUPERHOLLOW TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING
FROM CONTROL BOX WHICH 18 A SEPARATE UNIT.
UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC
AND 18 COMPLETE WITH TUBES 4/6K7,1/6L7,1/6J5,
2/688,2/6F6,1/6N7,1/5Z4,1/6SC7 & 2/2051.
SIZE: 12x8x/9;WT 45 LBS.
R-5/ARN-7 RECEIVER ONLY, USED 35.

GUARD RECEIVER AS USED IN RT-178/
ARC-27, covers freq. of 238 to
248 MC. SINGLE CHANNEL WITH AUDIO
OUTPUT IS COUPLED TO THE MAIN
SET, DUAL CONVERSION 19.4 MC
IST 1.F. 3.45 FINAL 1.F. WITH
R.F GAIN CONT. AND SQUELCH CIR.
WITH TUBES 5/2AT7, // 6AK5, I/
6AG5, 2/6BA6 & 2/6AL5.
SIZE: 6/x42x4; WT: 4 LBS. P/T# 504-9780-005
PRICE: USED 5 STK#5821-505-3684

BC-733 RECEIVER 108.3-110.3 MC AM



AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING

LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY.

OPERATES ON SIX CRYSTAL CONTROL PRESET FREG.
COMPLETE WITH TEN TUBES: 1/12AH7,2/12SG7,3/717
2/12SR7,1/12SG7 & 1/12A6. VOLTAGE REQUIRED;
24 VDC & 220 VDC 80 MA. WITH SCHEMATIC.
SIZE: 132x5x7 WT:17 LBS.

PP-308/URR POWER
SUPPLY; OUTPUT VOLTAGES OF 90 VDC, 1.4
VDC, AND --4.2 VDC.
A PORTABLE UNIT
WHICH CAN OPERATE
FROM 115v. 60 CYCLE
LINE OR FROM 6, 12 OR
24 VOLT VEHICULAR BATTERY; WITH FUSE HOLDERS, POWER-SELECTOR
SWITCH, POWER ON-OFF SW, SPEAKER ON-OFF SW,
AND SPEAKER FOR A RECEIVER. TAKES 4 COND.
FEMALE CONNECTOR (NOT AVAILABLE). WITH TUBES
2/6AG7 AND 0B2. SIZE: 5½X8/12 WT: 30 LBS.

Needs repair, less vibrators, \$20. CABINET for R-174/PP-308, no cable \$9. AN/GRR-5 MANUAL, \$7.50

IGNITION - TESTER

METER IGNITION TESTER MODEL# 327
LARGE 4½" METER WITH 500 MICROAMP
0-30 SCALE ALSO MARKED LOW, AVERAGE
FOR CHECKING IGNITION SYSTEMS.
SELECTOR SWITCH FOR CURRENT AND
VOLTAGE READINGS ALSO TEST LEADS.
VITH OPERATING INSTRUCTIONS.
CHROME MIRRORED FACE WITH BLACK
AND GREY SATIN FINISH.
THIS EQUIPMENT IS KNOWN AS THE
CHROME-LINE OF HEYER-MARQUETTE.
SIZE; IIX6X4; WT: 8 LBS.
PRICE: \$14.95



KSR-33 TELETYPEWRITER
AND KEYBOARD, CAN BE
ADAPTED FOR VARIOUS RTTY
AND COMPUTER APPLICATIONS. SPEED: 100 WORDE
PER MINUTE; 600 OPERATIONS PER COND. HAS
THE FOLLOWING FUNCTIONS:
CARRIAGE RETURN, LIME FEED, SPACE, AND SHIFT.
UTILIZES ASC-11 ODE VITH-PARITY BIT. TAKES
BY SPROCKET-FED PAPER. THIS IS STANDARD
ITEM; PARTS ARE AVAILABLE FIOR A NUMBER OF
SOURCES. POWER REQUIRED: 15 VAC 60 HZ.
SIZE: 81x181181; SHEG. WT 50 LBS.
USED, OPERATIONAL, BUT MAY REQUIRE SOME ADJUSTMENT. LESS COVER, \$250.





0-16/ART-13 200-600 Khz, 500-1500 Khz OSCILLATOR

OSCILLATOR PLUGS INTO THE FRONT OF OSCILLATOR PLUGS INTO THE FRONT O
THE TRANSMITTER AND COVERS THE
FREQ. RANGE OF 200 TO 600 KC IN
3 BANDS WITH VFO AND CRYSTAL
CONTROL ON THREE PRESELECTED
FREQ. COMPLETE WITH ONE 1625
TUBE. ALL OPERATING VOLTAGES ARE
OBTAINED FROM THE TRANS. POWER
SUPPLY. SIZE 52x52x9; WT4LBS. Used, \$16.95

TCS SPEAKER

TCS REMOTE CONTROL UNIT TYPE 23270 FOR REC. TRANS. AND AMPLIFIER WITH HEAVY DUTY 5" PM SPEAKER, MIC & PHONE JACKS, VOL. CONTROL & SWITCHES. 32x52x72; 7 LBS. \$12.95



2 TO 30 MHZ SSB

G133 HF RECEI-VER, 0.2 to 30 Mhz SSB, AM, & CW in thirty con-tinuously tunable



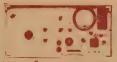
tunable
bands. Set
is a Collins 51Sl receiver repackaged by
LTV-Temco for military airborne use. It has
extended lower frequency range plus a jack
for a 14-600 Khz tuner, AM BFO, and extra
electronic filtering. Crystal check points
every 100 Khz. Final IF 500 Khz. AM BFO variable from 485 to 515 Khz. Controls for
CW-ISB-USB-AM, Rejection Tuning, and meter
switch RF--10DBM-ODBM. Input impedance: 50
ohms. Audio output imped: 4 or 600 ohms.
Matching phone patch imped: 500-600 ohms.
With tubes 5/6EA8, 3/6BA6, 2/12AX7, 2/6136,
6CD6, 5670, 6EF5, and 6AK6. Requires 115/230
VAC 50-60 or 400 Hz; also 24 VDC 168 ma for
the AM BFO only. 62182x13; 40 lbs
Used,

MANUAL, partial repro, \$15

SHORT SUPPLY ITEMS

BENDIX ADF-100 RECEIVER, automatic direction-finder operates over 200 Khz-4.5 Mhz. Has 3* CRT display with 0-360 outer dial, BFO, and speaker. Re-quires 115 VAC 60 Hz; 65 1bs sh. Used, reparable, \$125.00





R-1040A/URM-85 RECEIVER

R-1040A/URM-85 RECKIVER part of 150 Khz-1000 Mhz field intensity meter system for narrow band AM-FM-CW signals. Uses plug-in tuners to cover frequency range; 115 VAC 60 Hz required With transit case; 125 lbs sh wt. Used-repar. R-1040 with CV-1101 150 Khz-30 Mhz head \$215.

TAKE 20% CFF THESE PRICES-

RECENVER WITH FAM

R-808/GRC-14 RECEIVER WITH FSK CONVERTER; CONTINUOUS-LY TUNEABLE FROM 2 TO 32 LY TUNEABLE FROM 2 TO 32 MHZ IN FOUR BANDS: (2-4), (4-8), (8-16), AND (16-32 MHZ). RECEIVES CW, MCW, AM PHONE, AND FSK. DUAL CONVERSION WITH IF'S OF 455 KHZ AND 1500 KHZ; SELECTIVE BANDWIDTH; 700



TRANSMITTER RECEIVER



RT-53/TRC-7 RECEIVER-TRANSMITTER; 100-156 MHZ, A.M. VOIGE, 1.5 W CRYSTAL CONTROL ON 2 PRESELECTED CHANNELS,

PRESELECTED CHANNELS, Is METER, PHONE, MIC. & MONITORING JACKS, VOL. CONTROL ETC. WITH TUBER 3/1AB5, 3/1L4, 1/1S5, 5/3/1AB4, VOLTAGES REQUIRED 90 VDC, 60 VDC & 4½ VDC. SIZE: 114×5½×134; 15 LBS. USED \$24.95

PAPER TAPE 我是太型管理



SUPERIOR ELECTRIC PAPER TAPE READER; 8-CHANNEL ENCODING, 100 CHARACTERS PER SEC. TTL OUTPUTS

PER SEC. TTL OUTPUTS
AND HANDSHAKE. HAS 5.4
VDC 1.5 AMP 200 STEP/REVOLUTION STEPPING MOTOR
AND TWO 120 VAC 50-60 NZ
BOARDS IDENTIFIED AS 4-STEP TRANSLATOR, AMPLIFIER AND INVERTER, INTERFACE BOARD, RECEIVER AND DRIVER. USES STANDARD I" TAPE. 202x
10x161; SH WT: 50 LBS. USED, W/COVER, \$145.

MEMLETT - LOLLING

rt. Input imperance: 0.1 V/om-100 V/om pr. Horizontal sens: 0.1 V/om-100 U/om 1ng Z-step atten, and vernier. Includes t.P CRT and beam finder. Requires 115/250 ic 50-1000 Hz. 6.x16.105, 42 lbs sh wt. sed, reparable, \$155.00; Checked, \$180.00 AUCL. \$10.00 when purchased with H1150B.

-122AR DUAL-TRACE SCOPE, DG to 200 Khz; 10

CAL INPATOR



ETITION FREQ. OF 400, 800 1600, 2000, & 4000, MARKEN AND SYNCHRONIZING PULSE, VARIABLE DELAY LINE PHASE

50-1000 CYCLES WITH TUBE'S 2/6X4W, 3/

Size: 16x10x11; WT: 28LBS. \$12

FORTABLE REPORTER

GE REQUIRED 1.5 & 90 VDC. IN WOOD ASE W/CARRING STRAP.91ZE; 5X9X8; WT:

TANK INTERPHONE 33

PRC-298 ARMORED TANK INTER-PHONE EXTENSION KIT; CONT-AINS HEAVY GAUGE WATERPROI ISTEL BOX WITH H-22 HAND-ISTEL & COILED CORD, SIGNAL LIGHT, CALL SWITCH, VOLUME

kit; includes BC-1362 exmote switch, 125 pes hard ware kit, other items. O SCR-508 installation with H-22 handset, 35 ft Unused, \$18.00 plosion-proof phone box crate or 78 lbs for UPS CO-213 cable, BC-1361 n orig. wood

の第一二十三日 一日

SPEED 14-21 P-PER-SEC. TRANS.
HM. REC. INPUT 600 OHM. POWER
SO/6602, FOR 19, FACK MOUNT,
KUT 2/6605, 1/6615, 1/5964 (RELAY)
SEPARATE ASSY. LAMP PANEL ASSY.

NOTATION SERVICES



WT: 22 LBS. 18. NOISE POWER OUTPUT IS NOISE POWER UG-39/U. POWER

voc. ze: [2x|6x|2;



PERIODIC SWEEP; TIMING MARKERS SYNCHED WITH SWEEP AT 1, 10 AND 100 Ju-SEC. TRIGGER PULSE OUTPUT: 100 v. PEAK, 1.5 U-SEC PULSE WITH RISE TIME OF 0.5 Ju-SEC; REPETITION RATE CONTINUALLY VARIABLE FROM 40 TO 5000 PER SEC. CALIBRATION: 0 TO 1 VOLT PEAK LINE OF \$8 CATHODE FOLLOWER

VI DRATORS



VB-16/6,12 OR 24 VOLT

WIRE RECORDER MAGAZINE for

pagnun/sq

switches etc. For use with ire .ecorder IC/VRW- u.



TO THE PERSON

8ZX9

PIUS-IN ADAPTER #12277 NEW 2/#3 400 Hz; output V 50-5.8 V 300 ma. 7 ft cord. 105-125

ningham boxes, original Cun-Old TUBES in

ganged for 24 lines; w/carrying strap. 15 SWITCHBOARD, handles for use with EE-8's. Four units can be 6 lines; designed 3B-5 PORTABLE



Y-100 air soakets & chimneys, thre tors, large ceramic RF switch, etc 24 lbs. Used-excellent, \$115.00 JENNINGS UCSXF-2000 VACUUM VARIABL AMPLIFIER-MODULATOR DECK from T631 132x5x92. Used, excellent, treed GRC-14, 3/4X250F tubes with Emac drives; 23 lbs s 0.3-18 uHy variable ribbon induc-GRC-14 400 W xxm1t-Inductor. 26 VDC ter; has 1200 pf variable capacivariable ribbon tor and 50 uH 7.5 KV vacuum

coils NATIONAL HRO-7 RECEIVER with power 50-2000 pf 10 KV, used-good, \$125. supply, speaker, manual, & 4/for 1.7-30 Mhz; used-alean, BLECTRIC TEST BOUTP

3.7-4.2 Ghz telephone sites; rack-#168345D WAVEGUIDE ATTENUATOR, mount, used-reparable:

one variable 0-20 db waveguide out button attenuator two 3-4-5-6-13db each 52-89 Mhz sweep output; push preset 54.6-34.9-22.0 db outputs, 416B tube; waveguide output. \$45 put; 105 "H, 25 lbs sh. \$50.00 #J68345C RF SWEEP OSCILLATOR W one 5-10-20-20-20 db. 52 lbs. #J68445B DUAL IF SWEEP OSCIL

WKS-15586 OSCILLOSCOPE C-100 Khz, SRPLA CRT,



STUFFER #4-83

BONUS BUYS for our active customers while they last thru 8-83. Prices F.O.B. Lima, Ohio

Fair Radio Sales Co.

P. O. Box 1105 -- 1016 E. Eureka St. 419/227-6573 Lima, Ohio 45802

COMPASS RECEIVER



RADIO COMPASS RECEIVER
100 TO 1750 KC
USED FOR AIRCRAFT DIRECTION FINDING BUT CAN
ALSO BE USED ON BOATS.
THE RECEIVER IS A SUPERATION OF THE AURAL RECEPTION AS SHOWN ON THE
INDICATORS. COVERS THE FREQUENCY RAMGE OF 100
TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING
FROM CONTROL BOX WHICH IS A SEPARATE UNIT.
UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC
AND IS COMPLETE WITH TUBES 4/6K7,1/6L7,1/6J5,
2/688,2/6F6,1/6N7,1/5Z4,1/6SC7 & 2/2051.
SIZE: 12x8x/9;WT 45 LBS.
R-5/ARN-7 RECEIVER ONLY, USED

GUARD RECEIVER AS USED IN RT-178/
ARC-27, COVERS FREQ. OF 238 TO
248 MC. SINGLE CHANNEL WITH AUDIO
OUTPUT IS COUPLED TO THE MAIN
SET, DUAL CONVERSION 19.4 MC
IST I.F. 3.45 FINAL I.F. WITH
R.F GAIN CONT. AND SQUELCH CIR.
WITH TUBES 5/12AT7, 1/6AK5, 1/
6AG5, 2/6BA6 & 2/6AL5.
51ZE:8/x4\(\frac{1}{2}\)x4\(\frac{1}{2

BC-733 RECEIVER 108.3-110.3 MC AM



AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION.
SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSS-POINT INDICATORS IN THE AIRCRAFT AND SHOW IF PLANE IS OFF TO RIGHT OR LEFT OF RUNWAY.

OPERATES ON SIX CRYSTAL CONTROL PRESET FREG.
COMPLETE WITH TEN TUBES: 1/12AH7,2/12SG7,3/717
2/12SR7,1/12SO7 & 1/12A6. VOLTAGE REQUIRED;
24 VDC & 220 VDC 80 MA. WITH SCHEMATIC.
SIZE: 132x5x7 WT:17 LBS.

PP-308/URR POWER

PP-308/URR POWER
SUPPLY; OUTPUT VOLTages of 90 vDc, 1.4
vDc, AND --4.2 vDc.
A PORTABLE UNIT
which can operate
from 115v. 60 cycle
line or from 6, 12 or
24 volt vehicular battery; With fuse holders, power-selector
switch, power on-off sw, speaker on-off sw,
and speaker for a receiver. Takes 4 cond.
female connector (not available). With tubes
2/6AG7 and 082. Size: 5*x8x12 wt: 30 lbs.

Needs repair, less vibrators, \$20. CABINET for R-174/PP-308, no cable \$9. AN/GRR-5 MANUAL, \$7.50

IGNITION - TESTER

METER IGNITION TESTER MODEL# 327 Large 4½" meter with 500 microamp 0-30 scale also marked low, average for checking ignition systems. SELECTOR SWITCH FOR CURRENT AND VOLTAGE READINGS ALSO TEST LEADS. VOLTAGE HEADINGS ALSO TEST LEADING WITH OPERATING INSTRUCTIONS. CHROME MIRRORED FACE WITH BLACK AND GREY SATIN FINISH.
THIS EQUIPMENT IS KNOWN AS THE CHROME-LINE OF HEYER-MARQUETTE.
SIZE: IX6X4; WT: 8 LBS.
PRICE: \$14.95



KSR-33 TELETYPEWRITER
AND KEYBOARD, CAN BE
ADAPTED FOR VARIOUS RTTY
AND COMPUTER APPLICATIONS. SPEED: 100 WORDE
PER MINUTE; 600 OPERATIONS PER SECOND. HAS
THE FOLLOWING FUNCTIONS:
CARRIAGE RETURN, LINE FEED, SPACE, AND SHIFT.
UTILIZES ASC-11 ODDE 11TH PARITY BIT. TAKES
BY SPROCKET-FED PAPER. THIS IS STANDARD
ITEM; PARTS ARE AVAILABLE FIOR A NUMBER OF
SOURCES. POWER TEQUIRED: 15 VAC-60 HZ.
SIZE: 81x181181 SHEC. WIF 50 LBS.
USED, OPERATIONAL, BUT MAY REQUIRE SOME ADJUSTMENT. LESS COVER, \$250.

99 MC - 28 MC

BC-499 RECEIVER F.M 20-28
MC, 5 CHANNEL CRYSTAL CONTROL, FD 15 KC, with 11
TUBES 3/12SH7, //12SJ7, 2/
12H6, 2/12K6, 1/12SL7GT &
2/12K8.With 14 VDC ovnaMOTOR OUTPUT 260 VDC 60
MA, AUDIO OUTPUT 5000HM
& SQUELCH CIRCUIT.
SIZE: 12X91X91; WT:23 LBS.
PRICE: 1195
CONNECTOR PLUG TO FIT UNIT ... \$1.50

0-16/ART-13 200-600 Khz, 500-1500 Khz OSCILLATOR

OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625 TUBE. ALL OPERATING VOLTAGES ARE OBTAINED FROM THE TRANS. POWER SUPPLY. SIZE 52×52×9; WT4LBS.

Used, \$16.95

TCS SPEAKER

TCS REMOTE CONTROL UNIT TYPE 23270 FOR REC. TRANS. AND AMPLIFIER WITH HEAVY DUTY 5" PM SPEAKER, MIC & PHONE JACKS, VOL. CONTROL & SWITCHES. 32x52x72; 7 LBS. \$12.95



TO 30 MHZ SSB

Gl33 HF RECEI-VER, 0.2 to 30 Mhz SSB, AM, & CW in thirty contunable



tunable bands. Set is a Collins 51S1 receiver repackaged by LTV-Temco for military airborne use. It has extended lower frequency range plus a jack for a 14-600 Khz tuner, AM BFO, and extra electronic filtering. Crystal check points every 100 Khz. Final IF 500 Khz. AM BFO variable from 485 to 515 Khz. Controls for CW-ISB-USB-AM, Rejection Tuning, and meter switch RF--10DEM-ODEM. Input impedance: 50 chms. Audio output imped: 4 or 600 chms. Matching phone patch imped: 500-600 chms. ohms. Audio output imped: 4 or 600 ohms.
Matching phone patch imped: 500-600 ohms.
With tubes 5/6EAB, 3/6BA6, 2/12AX7, 2/6136,
6CD6, 5670, 6BF5, and 6AK6. Requires 115/230
VAC 50-60 or 400 Hz; also 24 VDC 168 ma for
the AM BFO only. 62x182x13; 40 lbs 4750
Used,

MANUAL, partial repro, \$15

SHORT SUPPLY ITEMS

BENDIX ADF-100 RECEIVER, automatic directionfinder operates over 200 Khz-4.5 Mhz. Has 3" CRT display with 0-360 outer dial, BFO, and speaker. Requires 115 VAC 60 Hz; 65 lbs sh. Used, reparable, \$125.00





R-1040A/URM-85 RECEIVER part of 150 Khz-1000 Mhz field intensity meter system for narrow band AM-FM-CW signals.

band AM-FM-CW signals.
Uses plug-in tuners to
cover frequency range; 115 VAC 60 Hz required
With transit case; 125 lbs ah wt. Used-repar.
R-1040 with CV-1101 150 Khz-30 Mhz head \$215.
TAKE 20% CFF THESE PRICES-

R-808/GRC-14 RECEIVER WITH FSK converter; Continuous-LY TUNEABLE FROM 2 TO 32 LY TUNEABLE FROM 2 TO 32 MHZ IN FOUR BANDS: (2-4), (4-8), (8-16), AND (16-32 MHZ). RECEIVES CW, MCW, AM PHONE, AND FSK. DUAL CONVERSION WITH IF'S OF 455 KHZ AND 1500 KHZ; SELECTIVE BANDWIDTH: 700



455 KHz and 1500 KHz;
Selective bandwidth: 700
Hz (BROAD) or 350 Hz
(SHARP). Unit has crystal calibrator with BFO pitch control. Has meter for Teletype Tuning; Hold-Operate and Normal-Reverse teletype Line switches. INPUT IMPEDANCE: 300 ohms (HI-Z) or 50 ohms (LO-Z). Output imped.: 600 ohms. Uses 46 tubes. Power required: 115 VAC 60 Hz or 26.3 VDC 5 amps. Size: 132x10x172, Shpg. wt: 80 lbs. Used, excellent, not checked, \$195.

TRANSMITTER RECEIVER



RT-53/TRC-7 RECEIVER-TRANSMITTER; 100-156 MHz, a.m. voige, 1.5 w CRYSTAL CONTROL ON 2 PRESELECTED CHANNELS, 12" METER, PHONE, MIC. & MONITORING JACKS, VOL. CONTROL ETC. WITH TUBER 3/1AB5, 3/1L4, 1/4S5, 5/3/1AB5, 3/1L4, 1/4S5, 5/3 REQUIRED 90 VDC, 60 VDC & 4½ VDC. SIZE: 112x52x132; 15 LBS. USED \$24.95

PAPER TAPE READER



SUPERIOR ELECTRIC PAPER TAPE READER; 8-channel encoding, 100 characters per sec. TTL outputs and handshake. Has 5.4 VDC 1.5 amp 200 step/re-volution stepping motors and two 120 VAC 50-60 Nz and two 120 VAC 50-60 Nz and two 120 VAC 50-60 Nz encoded by the state of t

XENLETT-PACKARD SCOPE

TP-122AR DUAL-TRACE SCOPE, DC to 200 Khz; 10 av/om sensitivity. 5" CRT display; rackmount 7x19x19t, 43 lbs sh. 'Used-reparable, Schecked (165 Manual, \$10 w/scopepur...

CALIBRATOR



15 V. 50-1000 CYCLES WITH TUBES 2/6X4W, 3, AG7, 6/5814,

Size: 16x10x11; WT: 28LBS \$12.

PORTABLE REPLATER

CARRING STRAP SIZE; 6x9x8; WT: ROL BATTERY VOLT-



ZE:12x16x12; USED \$25.95

TANK INTERPHONE

133

RC-298 ARMORED TANK INTER-PHONE EXTENSION KIT; CONT-AINS HEAVY GAUGE WATERPROOI STEEL BOX WITH H-22 HAND-SET & COILED CORD, SIGNAL LIGHT, CALL SWITCH, VOLUME

kit; includes BC-1362 exmote switch, 125 pes hard ware kit, other items. with H-22 handset, 35 ft CO-213 cable, BC-1361 re-O SCR-508 installation plosion-proof phone box crate or 78 lbs for UPS 100 lbs in orig. wood

Unused, \$18.00

DZ - J V N D - S

6465,1/6415,1/5964 (RELAY) SEPARATE ASSY. LAMP PANEL ASSY.

NOISE GENERATOR



WT: 23 LBS. 18.

IS HAVE NOT BEEN USED NOT GUARANTEED.

TUNERS



6KZ8

FOR USM-38 SCOPE: Tepro

SWITCHBOARD, handles SB-5 PORTABLE FIELD VIBRATORS



VB-16/6,12 OR 24 VOLT

Four units can be

6 lines; designed

WIRE RECORDER MAGAZINE for

RF TUNER, p/o T631, GRC-14 400 W xm1tswitches etc. For use with variable capacivariable ribbon tor and 50 uH

13\$x5x9\$. Used, excellent, \$196-4 inductor. 26 VDC drives; 23 lbs s ter; has 1200 pf 7.5 KV vacuum

W-100 air soakets & chimneys, thre tors, large ceramic RF switch, etc AMPLIFIER-MODULATOR DECK from T631 JENNINGS UCSXE-2000 VACUUM VARIABI 50-2000 pf 10 KV, used-good, \$135. GRC-14, 3/4X250F tubes with Elmac 0.3-18 uHy variable ribbon induc-24 lbs. Used-excellent, \$115.00

coils TOMOC NATIONAL HRO-7 RECEIVER with supply, speaker, manual, & 4/ for 1.7-30 Mhz; used-clean, WESTERN ELECTRIC TEST EQUIP

Ghz telephone sites; rack-

3.7-4.2

one variable 0-20 db waveguide ou preset 54.6-34.9-22.0 db outputs, #J68345C RF SWEEP OSCILLATOR W put; 10点 形, 25 lbs sh. \$50.00 #J68345D WAVEGUIDE ATTENUATOR, mount, used-reparable: PIUG-IN ADAPHER

button attenuator two 3-4-5-6-13db one 5-10-20-20-20 db. 32 lbs. \$35 each 52-89 Mhz sweep output; push #768445B DUAL IF SWEEP OSCILL 416B tube; waveguide output.

400 Hz; output

105-125

TRIPLETT AC

5.8 V 300 ma.

7 ft cord.

#12277 NEW 2/

KS-15586 OSCILLOSCOPE (Dumont DC-100 Khz, SRPIA CRT, 45 lbs. #KS-15658 NOISE FIGURE TEST for 4 Ghz area, 22 1

ningham boxes,

original Cun-





Fair Radio Sales Co.

P. O. Box 1105 -- 1016 E. Eureka St. Lima, Ohio 45802 419/227-6573

COMPASS RECEIVER



METERODYNE WITH ADDITIONAL CIRCUITS FOR OPERATION OF THE AURAL RECEPTION AS SHOWN ON THE INDICATORS. COVERS THE FREQUENCY RANGE OF 100 TO 1750 KC IN FOUR BANDS CONTINUOUS TUNING FROM CONTROL BOX WHICH IS A SEPARATE UNIT. UNIT OPERATES FROM 115 VOLT 400 CYC & 24 VDC AND IS COMPLETE WITH TUBES 4/6K7,1/6L7,1/6J5, 2/688,2/6F6,1/6N7,1/5Z4,1/6SC7 & 2/2051.

SIZE: 12x8x19;WT 45 LBS.

R-5/ARN-7 RECEIVER ONLY, USED

GUARD RECEIVER AS USED IN RT-178/ ARC-27, covers freq. of 238 to 248 MC. SINGLE CHANNEL WITH AUDIO 248 MG. SINGLE CHANNEL WITH AUDIO OUTPUT IS COUPLED TO THE MAIN SET, DUAL CONVERSION 19.4 MC IST I.F. 3.45 FINAL I.F. WITH R.F GAIN CONT. AND SQUELCH CIR. WITH TUBES 5/12AT7, 1/6AK5, 1/6AG5, 2/6BA6 & 2/6AL5.

SIZE: 8/x42x4; WT: 4 LBS. P/T# 504-9780-005
PRICE: UBED 35 STK#5821-505-3684

BC-733 RECEIVER 108.3-110.3 MC AM



AIRCRAFT RECEIVER USED FOR LOCATING RUNWAY ON LANDING FIELD DURING LANDING OPERATION SIGNALS RECEIVED BY RECEIVER FROM TRANSMITTER LOCATED ON RUNWAY ARE APPLIED TO CROSSPOLATE OF TO RIGHT OR LEFT OF RUNWAY.

OPERATES ON SIX CRYSTAL CONTROL PRESET FREG. COMPLETE WITH TEN TUBES: 1/12AH7,2/12SG7,3/7172SG7,3/7172SG7

PP-308/URR POWER SUPPLY; OUTPUT VOLT-AGES OF 90 VDC, 1.4 VDC, AND --4.2 VDC. A PORTABLE UNIT

A PORTABLE UNIT WHICH CAN OPERATE FROM 115v. 60 CYCLE LINE OR FROM 6, 12 OR 24 VOLT VEHICULAR BATTERY; WITH FUSE HOLDERS, POWER-SELECTOR SWITCH, POWER ON-OFF SW, SPEAKER ON-OFF SW, AND SPEAKER FOR A RECEIVER. TAKES 4 COND. FEMALE CONNECTOR (NOT AVAILABLE). WITH TUBES 2/6AG7 AND 082. SIZE: 58×8×12 WT: 30 LBS.

Needs repair, less vibrators, \$20. CABINET for R-174/PP-308, no cable \$9. AN/GRR-5 MANUAL, \$7.50

IGNITION - TESTER

METER IGNITION TESTER MODEL# 327
LARGE 4½" METER WITH 500 MICROAMP
0-30 SCALE ALSO MARKED LOW, AVERAGE
FOR CHECKING IGNITION SYSTEMS.
SELECTOR SWITCH FOR CURRENT AND VOLTAGE READINGS ALSO TEST LEADS. WITH OPERATING INSTRUCTIONS. CHROME MIRRORED FACE WITH BLACK AND GREY SATIN FINISH.
THIS EQUIPMENT IS KNOWN AS THE
CHROME-LINE OF HEYER-MARQUETTE.
SIZE: | Ix6x4; wt: 8 LBS.
PRICE: \$14.95



KSR-33 TELETYPEWRITER

KSR-33 TELETYPEWRITER
AND KEYBOARD, CAN BE
ADAPTED FOR VARIOUS RTTY
AND COMPUTER APPLICATIONS. SPEED: 100 WORDE
PER MINUTE; 600 OPERATIONS ER SECOND. HAS
THE FOLLOWING FUNCTIONS:
CARRIAGE RETURN, LINE FEED, SRACE, AND SHIFT.
UTILIZES ASC-11 OPE WITH PARITY BIT. TAKES
8½" SPROCKET-FED PAPER. THIS IS A STANDARD
ITEM; PARTS ARE AVAILABLE FROM A NUMBER OF
SOURCES. POWER SECURED: 115 VAC 60 HZ.
SIZE: 8½X18½ 10½; SHPC. WITH 50 LBS.
USED, OPERATIONAL, BUT MAY REQUIRE SOME ADJUSTMENT. LESS COVER, \$250.

28 MC

BC-499 RECEIVER F.M 20-28
MC, 5 CHANNEL CRYSTAL CONTROL, FO 15 KC, WITH II
TUBES 3/12SH7, //12SJ7, 2/
12H6, 2/12A6, 1/12SL7GT &
2/12K8.WITH 14 VDC DYNAMOTOR OUTPUT 260 VDC 60
MA., AUDIO OUTPUT 5000HM
& SQUELCH CIRCUIT.
SIZE: 12X91X91; WT:23 LBS.
PRICE: 12X91X91; WT:23 LBS.
PRICE: 150-95
CONNECTOR PLUG TO FIT UNIT ... \$1.50 BC-499 RECEIVER F.M 20-28



0-16/ART-13 200-600 Khz, 500-1500 Khz OSCILLATOR

OSCILLATOR PLUGS INTO THE FRONT OF THE TRANSMITTER AND COVERS THE FREQ. RANGE OF 200 TO 600 KC IN 3 BANDS WITH VFO AND CRYSTAL CONTROL ON THREE PRESELECTED FREQ. COMPLETE WITH ONE 1625
TUBE. ALL OPERATING VOLTAGES A
OBTAINED FROM THE TRANS. POWER
SUPPLY. SIZE 52x52x9; WT4LBS. ARE Used, \$16.95

TCS SPEAKER

TCS REMOTE CONTROL UNIT TYPE 23270 FOR REC. TRANS. AND AMPLIFIER WITH HEAVY DUTY 5" PM SPEAKER, MIC & PHONE JACKS, VOL. CONTROL & SWITCHES. 32x51x72; 7 LBS. \$12.95



G133 HF RECEI-VER, 0.2 to 30 Mhz SSB, AM, & CW in thirty continuously tunable



is a Collins 51S1 receiver repackaged by LTV-Temco for military airborne use. It has extended lower frequency range plus a jack for a 14-600 Khz tuner, AM BFO, and extra electronic filtering. Crystal check points every 100 Khz. Final IF 500 Khz. AM BFO variable from 485 to 515 Khz. Controls for CW-LSB-USB-AM, Rejection Tuning, and meter switch RF--10DEM-ODBM. Input impedance: 50 chms. Audio output imped: 4 or 600 chms. Matching phone patch imped: 500-600 chms. With tubes 5/5 KAS, 5/6BAS, 2/12AX7, 2/6136, 6CD6, 5670, 6BF5, and 6AK6. Requires 115/230 VAC 50-60 or 400 Hz; also 24 VDC 168 ma for the AM BFO only. 61x181x15; 40 lbs 5/750 Used,

MANUAL, partial repro, \$15

SHORT SUPPLY ITEMS

BENDIX ADF-100 RECEIVER, automatic directionfinder operates over 200 Khz-4.5 Mhz. Has 3"
CRT display with 0-360 outer dial, BFO, and speaker. Requires 115 VAC 60 Hz; 65 lbs sh. Used, reparable, \$125.00





R-1040A/URM-85 RECEIVER

R-1040A/URM-85 RECEIVER part of 150 khz-1000 Mhz field intensity meter system for narrow band AM-FM-CW signals. Uses plug-in tuners to cover frequency range; 115 VAC 60 Hz required with transit case; 125 1bs sh wt. Used-repar. R-1040 with CV-1101 150 khz-30 Mhz head \$215.

TAKE 20% OFF THESE PRICES-

R-808/GRC-14 RECEIVER WITH FSK converter; Continuous-Ly tuneable from 2 to 32 MHz in four bands: (2-4), (4-8), (8-16), and (16-32 MHz). Receives CW, MCW, AM PHONE, and FSK. Dual conversion with IF's of 455 KHz and 1500 KHz;



455 KHz and 1500 KHz; Selective bandwidth: 700 Hz (BROAD) or 350 Hz (Sharp). Unit has crystal calibrator with BFO pitch control. Has meter for Teletype Tuning; Hold-Operate and Normal-Reverse teletype Line switches. Input impedance: 300 ohms (HI-Z) or 50 ohms (LO-Z). Output imped.: 600 ohms. Uses 46 tubes. Power required: 115 VAC 60 Hz or 26.5 VDC 5 amps. Size: 132×10×172, Shpg. wt: 80 lbs. Used, excellent, not checked, \$195.

TRANSMITTER RECEIVER



PAPER TAPE READER



SUPERIOR ELECTRIC PAPER
TAPE READER; 8-CHANNEL
ENCODING, 100 CHARACTERS
PER SEC. TTL OUTPUTS
AND HANDSHAKE. HAS 5.4
VOC 1.5 AMP 200 STEP/REVOLUTION STEPPING MOTOR
AND TWO 120 VAC 50-60 HZ
1000 RPM SYNCHONOUS STEPPING MOTORS. CIRCUIT

BOARDS IDENTIFIED AS 4-STEP TRANSLATOR, AMPLIFIER AND INVERTER, INTERFACE BOARD, RECEIVER AND DRIVER. USES STANDARD IT TAPE. 202X 10x16; SH WT: 50 LBS. USED, W/COVER,

LOUB エ府宮しのピトーアスのスタボロ

-122AR DUAL-TRACE SCOPE, DG to 200 Khz; 10 /om sensitivity. 5" GRT display; rackmount

of. Horizontal sens: 0.1 V/cm-100 V/cm.

1ng 3-step atten. and vernier. Includes
1ng and beam finder. Requires 115/230

65-1000 Hz. 6, x16, 188, 42 lbs sh wt.

ed, reparable, \$135.00; Checked, \$185.00

NU.L. \$10.00 when purchased with HF120B.

cloxiot, 43 lbs sh. Used-rep ecked \$165 Manual, \$10 w/

CALIBRATOR



115 V. 50-1000 CYCLES WITH TUBES 2/6X4W, 3/

Size: 16x10x11; WT: 28LBS. \$12.

PORTABLE REPLATER

CARRING STRAP. SIZE; 6x9x8; WT: 12 LBS BATTERY OPERATED, CANCEN, PORTABLE CAN BE USED AS TERM, OR INTERMEDIATE AMPLIFIER, USES ONE 3QSGT TUBE, INCLUDES HEADET ELEMENT FOR MONITORAGE REQUIRED 1-5 & 90 VDC- IN WOOD CASE W/CARRING STRAP 917F-640. TANK INTERPRONE **133**



PHONE EXTENSION KIT; CONTAINS HEAVY GAUGE WATERPROOI STEEL BOX WITH H-22 HAND-STEEL BOX WITH H-22 HAND-SET & COILED CORD, SIGNAL LIGHT, CALL SWITCH, VOLUME

kit; includes BC-1362 exmote switch, 125 pes hard with H-22 handset, 35 ft p/o SCR-508 installation plosion-proof phone box CO-213 cable, BC-1361 ware kit, other items.

SI DNAL ING



ICE BAND FILTER PANEL. OTHER UNITS | \$" DEEP. WT:50LB L-2M W/MANUAL

NOISE GENERATOR

HAS THERMO-2400 MHZ

WT: 25 LBS. \$18.

T.V. TUNERS

VHF

8ZX9/

voc.



400 Hz; output 5.8 V 300 ma. 105-125 MING MARKERS SYNCHED WITH

#12277 NEW 2/ 2/18877 7/646 6X4, 5R4, 122, 2/0A2, 2/18877 7/646 6X4, 5R4, 122, 2/0A2, 2/575, and 512, Power Required. 50-400 Hz. Size: 9xi3x16 WT: 36 LBB. Useb, REPARABLE \$65.00 CHECKET BES FOF & CATHODE FOLLOWER

7 ft cord.

#KS-15586 OSCILLOSCOPE (Dumont

DC-100 Khz, SRPLA CRT, 45 lbs.

#KS-15658 NOISE FIGURE TEST

ningham boxes,

Unused, \$18.00

78 lbs for UPS

grate or

100 lbs in orig. wood

original Cun-

Ghz area, 22

SWITCHBOARD, handles 6 lines; designed SB-5 PORTABLE FIRED VIBRATORS



VB-16/6,12 OR 24 VOLT

ganged for 24 lines; w/carrying strap. 15 for use with KE-8's. Four units can be

Unused

7 EQ

RF TUNER, P/O T631 on spool magnet-tizing switches etc. For use with wire Merorder IC/VRW- Mr WIRE RECORDER MAGAZINE for #MX-303 51bs

GRC-14 400 W xm1tvariable capaciter; has 1200 pf Variable ribbon 7.5 KV vacuum tor and 50 uH

13gr5x9g. Used, excellent, bream AMPLIFIER-MODULATOR DECK from T631 inductor. 26 VDC drives; 23 lbs s MOTOR DRIVEN 26.5 RELAYS.4+x6x34: 5 LB.#596C-1 \$2.5

Y-100 air soakets & chimneys, three tors, large ceramic RF switch, etc JENNINGS UCSXF-2000 VACUUM VARIABL GRC-14, 3/4X250F tubes with wimac 0.3-18 uHy variable ribbon induc 24 lbs. Used-excellent, \$115.00 IS HAVE NOT BEEN USED & NOT GUARANTEED.

supply, speaker, manual, & 4/coils for 1.7-30 Mhz; used-clean, \$195. NATIONAL HRO-7 RECEIVER with power 50-2000 pf 10 KV, used-good, \$135.

WESTERN ELECTRIC TEST EGUIP from

one variable 0-20 db waveguide out button attenuator two 3-4-5-6-13db 3.7-4.2 Ghz telephone sites; rackone 5-10-20-20-20 db. 32 1bs. \$35. each 52-89 Mhz sweep output; push preset 54.6-34.9-22.0 db outputs, #J68345C RF SWEEP OSCILLATOR W \$50.00 #J68345D WAVEGUIDE ATTENUATOR, #J68445B DUAL IF SWEEP OSCILL 416B tube; waveguide output. put; 10g"H, 25 1bs sh. mount, used-reparable: ADAPTER